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THE DMFAS PROGRAMME

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CONTENTS

Tables

Figures

Annex

1.   INTRODUCTION

The necessity of debt management assistance was recently highlighted in the Monterrey Consensus. Adopted by heads of State and Government at the International Conference on Financing for Development (18–22 March 2002), the consensus states that *"Sustainable debt financing is an important element for mobilizing resources for public and private investment. National comprehensive strategies to monitor and manage external liabilities, embedded in the domestic preconditions for debt sustainability, including sound macroeconomic policies and public resource management, are a key element in reducing national vulnerabilities. Debtors and creditors must share the responsibility for preventing and resolving unsustainable debt situations. Technical assistance for external debt management and debt tracking can play an important role and should be strengthened".*[1]

In this context, the United Nations has been asked to provide sustained follow-up within the UN system on those agreements and commitments reached in the Consensus and to ensure effective secretarial support.

Having provided assistance in debt management for over 20 years, UNCTAD's Debt Management and Financial Analysis System (DMFAS) technical cooperation programme is the world's major provider of technical assistance and advisory services in debt management. At the end of 2000, more than 34 per cent of outstanding public and publicly guaranteed long-term debt (LDOD) for all developing countries and economies in transition – totalling $514 billion[2] – was managed using DMFAS. At the end of December 2001, the programme was collaborating with more than 60 countries, including 76 institutions.

For the DMFAS programme to carry out its mandate, however, it has been necessary to reassess its financial sustainability. For that purpose, a DMFAS Advisory Group composed of technical representatives of interested member States, including existing and potential donors and beneficiaries, as well as the UNCTAD secretariat, was established at the end of 2000. At its second meeting in June 2001, a decision was taken to create a multi-donor, multi-year DMFAS Trust Fund, which will be replenishable, upfront by bilateral donors, and will include formal and standard cost sharing, by beneficiary countries. It is expected that this decision will enable the DMFAS programme to continue its activities well into the future and to achieve greater financial sustainability in the medium term.

The present report reviews the activities undertaken by the DMFAS programme in the area of debt management during 2001.

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[1] Paragraph 47 of the draft outcome of the International Conference on Financing for Development, Monterrey, (18–22 March 2002 (A/AC.257/1013).
[2] *Global Development Finance*, World Bank, 2002.

2. DMFAS COUNTRY ACTIVITIES

Growing number of user countries and institutions

During 2001, the programme enjoyed a steady growth in demand for its system and related services. It now collaborates with more than 60 countries and its system is installed in 58 of these, including 76 institutions. It is expected that the number of countries will increase by approximately three countries per year, and by an even greater number in terms of user institutions.

An overview of the status of country projects and their implementation is provided in table 1. During 2001, new country projects were started in six countries (Colombia, Gabon, Madagascar, Mongolia, Syrian Arab Republic and Turkmenistan). In many countries, the system is set up in both the Ministry of Finance and the Central Bank. The number of institutions in which the system is installed currently stands at 76, and the trend whereby the latter two institutions are linked electronically through DMFAS (on a wide area network) is expected to grow.

Negotiations and project preparations are also under way to start new country projects and to install the system in five new countries – Algeria, Chile, Congo, Kyrgyzstan and Suriname.

Furthermore, the programme is receiving requests from non-traditional clients, such as parastatals and local governments (such as provinces and municipalities). In Argentina, the central Government has already implemented the system in a number of provinces and has directly provided training and support under the guidance of the DMFAS programme.

Operational status of DMFAS implementation

Overall, 70 institutions in 55 of the 58 countries now use the 5.0, 5.1 or 5.2 DMFAS version. Three of these still use version 4.1 Plus, but are expected to convert to 5.2 in the near future. Forty-four countries use the latest version of the system, version 5.2. During 2001, this latest version was installed in nine countries, and three other countries still using the older version 4.1 Plus (Burundi, Egypt and Togo) made the conversion.

Table 2 provides an overview of the operational status of DMFAS in the countries concerned. At the end of 2001, the system was operational in 50 countries. Of those countries where it is non-operational, two have decided to develop and implement their own system and six are experiencing difficulties (due to institutional, personnel and/or technical problems).

Follow-up projects have been finalized or are being prepared for DMFAS countries so that further activities related to the implementation of DMFAS and capacity building for debt management can be undertaken.

Scope of country projects

Country projects cover a wide scope of activities beyond the installation and training of the DMFAS software. Most projects also assist Governments in the development of appropriate legal, administrative, technical and organizational environments in which the system operates. Other topics can include the building of a database, training and retaining staff, defining external borrowing strategies, communication and information flows, financing techniques and analysis of credit, and debt renegotiation. The programme also organizes workshops, study tours and participation in regional and training seminars.

In the framework of the country projects, the installation and implementation (e.g. establishment of a debt database) of DMFAS, as well as training in its use, are carried out by consultants and/or central staff during missions (50 in 2001). In certain projects, advisers are fielded for longer periods to provide continued on-site support (see table 3).

An important activity, taking place mostly in Latin America, is the integration of DMFAS with the national financial administration systems. DMFAS user countries building integrated systems are Argentina, Bolivia, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Paraguay and Venezuela. In these countries, the DMFAS programme focuses mainly on providing advisory services to the national teams in the form of workshops or providing technical assistance in building the relevant link. The latter ensures that maintenance capacity is created and maintained within the country and as such ensures future maintenance.

Promotion and collaboration with regional support centres

The DMFAS programme encourages and participates in regional or subregional projects, and seeks collaboration and partnership agreements with those regional organizations involved in helping their member countries in the area of debt management. Examples of such organizations are the Macro-economic and Financial Management Institute of Eastern and Southern Africa (MEFMI) and Pôle Dette, a regional initiative launched in West Africa by the Banque des Etats d'Afrique Centrale (BEAC) and the Banque Centrale des Etats d'Afrique de l'Ouest (BCEAO).

Four of the nine regional countries belonging to MEFMI[3] are DMFAS user countries (Angola, Uganda, Zambia and Zimbabwe). In June 2001, at MEFMI's request, the DMFAS programme co-arranged and participated in a one-day seminar on integrated financial management systems for the governors of the central banks of MEFMI countries at the annual meeting of the Bank for International Settlements (BIS) in Basel.

In September 2001, MEFMI reinforced cooperation between the two organizations by initiating an updated cooperation agreement to be signed in early 2002. As part of the work programme attached to that agreement, UNCTAD has agreed to mentor three MEFMI fellows specializing in debt management in 2002. Furthermore, UNCTAD sent a representative to the joint MEFMI/World Bank workshop on risk management in Mbabane, Swaziland, in November 2001.

Pôle Dette[4] provides debt management training to its 15 member countries, of which eight (Burkina Faso, Central African Republic, Chad, Cote d'Ivoire, Gabon, Guinea-Bissau, Senegal and Togo) are DMFAS user countries. In 2001, UNCTAD suggested to Pôle Dette that they jointly establish a formal cooperation agreement similar to that concluded with MEFMI in order to deliver joint activities in the area of debt management capacity building. A memorandum of understanding is currently being negotiated. Both institutions have agreed to technical cooperation and to raising funds for their common future country activities. In the meantime, some of these joint activities have already started. For example, UNCTAD sent representatives to the joint Pôle Dette/World Bank workshop on risk management in Libreville, Gabon, in November 2001; and Pôle Dette addressed the UNCTAD's Inter-regional Debt Management Conference in December 2001 (see section 5).

The Inter-Regional Debt Management Conference was also the occasion to restart cooperation negotiations between UNCTAD and the United Nations Economic and Social Commission for Western Asia[5] (ESCWA) and to get specific ESCWA members directly involved in the design of the cooperation framework.

3.   SYSTEM SUPPORT, MAINTENANCE AND DEVELOPMENT

During the year, the DMFAS information technology component concentrated principally on support, maintenance, development and distribution of the current DMFAS version 5.2 to DMFAS user countries. However, it has also started preparations for its future versions 5.2.1 and 6.0, as well as working on strengthening the technical capacity of its users, and on improving its internal operations.

Support, maintenance and distribution of the current version of DMFAS (version 5.2)

Comprehensive maintenance of the current DMFAS version (5.2) was carried out throughout the year in order to adapt and perfect it in response to client needs, and it was distributed to user countries.

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[3] MEFMI is a regionally owned institute with 10 member countries: Angola, Botswana, Lesotho, Malawi, Namibia, Swaziland, United Republic of Tanzania, Uganda, Zambia and Zimbabwe. Its aim is to improve human and institutional capacities in the critical areas of macroeconomic and financial management.

[4] Pôle Dette member countries are Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Gabon, Guinea-Bissau, Equatorial Guinea, Mali, Niger, Senegal and Togo.

[5] ESCWA has as its aim the promotion of economic and social development through regional and subregional cooperation.

Users were assisted in their upgrade to the current version from the earlier DMFAS 5 version, and intensive support involving data conversion was provided to countries migrating from version 4.1 Plus.

The programme's help desk systematically received, recorded and processed all requests for assistance from users; reported problems were solved quickly; and comprehensive support regarding functional and technical matters was given.

DMFAS technical support

In order to strengthen the technical capacity of the support staff in countries using DMFAS, the programme organized, in the context of its country projects, local training activities in the national financial institutions. It also participated in national and regional workshops organized in collaboration with Pôle Dette and MEFMI. Themes covered in IT training included system installation, installation of upgrades, customization, troubleshooting, back-ups, data security and linkages with integrated financial management systems.

Improvements to DMFAS

A number of functional enhancements were made to the current DMFAS version. Of particular importance was the adaptation of the system to facilitate the changeover of national currency units to the euro. This involved both modifying the system in order to respond to user needs in working with the euro, and providing customized software to automatically convert the existing data denominated in national currency units. Other key enhancement areas included the widening of scope for grants monitoring and reporting, improved reporting features for loans, including the addition of new algorithms, and facilities for the automatic generation of operations.

Preparations for the release of future versions also started during the year. Version 5.2.1 will be ready for distribution at the end of 2002, and version 6 in 2004. Both will contain major new specifications and enhancements such as a new bonds module and debt rescheduling facilities for version 5.2.1 and new operations such as options and improved handling of guaranteed loans; version 6 will be web-enabled.

Improvements to internal operations

The core activities of system development and maintenance were evaluated during the year in order to maximize the benefits of progress made in information and communications technology, and to improve client servicing while reducing operational costs. In this connection, it was decided to implement a state-of-the-art software configuration management system (SCMS) in order to ensure overall system coherence and consistency despite evolving or country-specific changes made to the system or subsystem.[6]

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[6] The SCMS satisfies the system's requirements in the areas of change request management (i.e. requested enhancements, bug-reporting, and help desk activities), version management, build management (putting together different finished components into a version), promotion management (controlling the different stages of the development lifecycle), reporting and trending, and distribution management.

4. CAPACITY BUILDING IN DEBT ANALYSIS AND DSM+ ACTIVITIES

Installation and training in the use of the World Bank's Debt Sustainability Model Plus (DSM+), are being integrated as an important component of the capacity building efforts of the DMFAS programme.[7] Its aim is the improvement of skills relating to debt portfolio evaluation, the conceptual analysis of stocks and flows, and the development of debt strategies.

DSM+ installation and training

By the end of 2001, DSM+ had been installed in most of the countries using DMFAS version 5.2. During the year, development of debt strategy using DSM+ was put into practice in Argentina, Gabon, Guatemala, Pakistan, Paraguay and Yugoslavia.

Training was provided in the form of workshops, in coordination with DMFAS country projects, as well as in coordination with regional training centres (see section 5).

DSM+ training

Through its cooperation with regional institutions such as MEFMI, which provide operational support, DMFAS is able to concentrate more specifically on improving the basic analytical skills of the debt office. Where staff is trained in DMFAS and able to produce statistics on a regular basis, analytical groups in the debt offices can be formed and trained in the use of DSM+. In November 2001, DSM+ was demonstrated during the regional training seminars organized by the World Bank with MEFMI in Swaziland and Pôle Dette in Gabon.

In its DSM+ dissemination strategy, the DMFAS programme plans to "train trainers" – in other words, train debt specialists who can then train others in the use of DSM+. At the end of 2001, four debt specialists had been trained for this purpose and a tentative list of potential consultants with the appropriate background to train has been prepared.

Translation of DSM+ software and supporting documentation into French and Spanish

The screens and reports of DSM+ have been partially translated into French and Spanish, and this translated material is being incorporated as part of the installation software. In documentation support, the DSM+ User Guide has also been translated into French and Spanish, and printing of the manuals, along with the English version, is being arranged. Translation of the DSM+ Training Guide has also been contracted and the latter will be ready in the near future.

Further development and maintenance of DSM+, in close collaboration with the World Bank

The results of DSM+ installation in DMFAS user countries have so far provided valuable information on how to enhance and further improve the DSM+ software. In this connection, user needs have been communicated to the World Bank, which is incorporating the recommendations. For example, in 2001 DMFAS recommended that nominal debt ratios be added to the "Key Debt Ratios Report"; that present value level be included at 150 in the "Alternative Levels Report"; and that temporary files currently in the sub-directory "patches" be incorporated within the core of the DSM+ installation.

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[7] In 1998, for the purpose of providing DMFAS users, and in particular the heavily indebted poor countries (HIPCs), with an analytical tool for debt sustainability analysis, UNCTAD concluded a partnership agreement with the World Bank and the Commonwealth Secretariat. It outlines the modalities for development and dissemination of, and training in, DSM+.

5.   TRAINING

Inter-regional Conference on Debt Management

The main training activity organized by UNCTAD's DMFAS programme in 2001 was the Third Inter-regional Debt Management Conference, held in Geneva from 3 to 7 December. This conference brings together professional debt managers from around the world and serves as an important forum for discussing recent developments affecting debt management and for exchanging experience and ideas. The last conference attracted some 180 debt managers from more 70 countries worldwide, as well as senior representatives of a dozen international and regional institutions, including the Commonwealth Secretariat, Debt Relief International, ESCWA, EURODAD, the IMF, the Islamic Development Bank, the Inter-American Development Bank, the World Bank and UNITAR.

Prominent topics at the conference included the institutional set-up for effective debt management, the management of sub-national debt, the compilation of debt statistics and auditing of debt offices, as well as the monitoring of private sector non-guaranteed debt. A special symposium was organized as part of the meeting in order to share experience in the area of debt systems and their role in broader integrated financial management systems.

For all participants, the meeting represents an extremely valuable opportunity to establish contacts, and for the DMFAS programme this meant meeting with other players in the area of capacity building in debt management. As a result of this last meeting, for example, UNCTAD worked on a cooperation agreement with Pôle Dette. Furthermore, UNCTAD and ESCWA were able to restart cooperation negotiations and involve ESCWA members directly in the design of the cooperation framework.   UNCTAD was also able to meet with the IMF on the co-publication of "External Debt Statistics: Guide for Compilers and Users", a publication to which the DMFAS programme has contributed substantively. The meeting also allowed for discussion on closer coordination in the area of technical assistance with the World Bank as well as the International Organization of Supreme Audit Institutions (INTOSAI).

Evaluation feedback regarding the conference was extremely positive and there was agreement on the usefulness of such a meeting.

Regional training

At the regional level, in November 2001 the DMFAS programme participated in the joint MEFMI/World Bank workshop on risk management in Mbabane, Swaziland, and the joint Pôle Dette/World Bank workshop on risk management in Libreville, Gabon (see section 3, "Promotion and collaboration with regional support centres"; and section 4, "DSM+ installation and training").

Training of trainers programme

Towards the end of 2001, the DMFAS programme launched an initiative aimed at improving the overall training delivered in countries using the DMFAS system. The purpose of this initiative is to ensure that any training delivered in the field is complete in terms of coverage and consistent in terms of contents. DMFAS has therefore initiated preparations for a standardized training curriculum in debt management, which will be developed over the coming years.

6. DOCUMENTATION AND PUBLICATIONS

Owing to resource constraints, the DMFAS programme has always had difficulties in attaining the desired level of timeliness and coverage for its documentation and, in particular, user documentation. The programme has therefore decided to outsource the development and translation of the DMFAS user guide and on-line help for the future DMFAS version 6.0. Moreover, certain regular publications, for example the DMFAS Newsletter, are no longer part of UNCTAD's Publications Programme for 2002–2003 and will have to be published and translated externally.

The following DMFAS documentation was updated or published during 2001.

Documentation for DMFAS users

- Hardware, software and training requirements (English, French, Spanish);
- DSM+ user guide (English, French, Spanish);
- Exporting data from DMFAS to DSM+ (English, French, Spanish);
- DMFAS Glossary (Russian).

General information on the DMFAS programme and software

- The DMFAS programme Annual Report 2000 (English and Spanish available; French to be made available);
- DMFAS Newsletter (English, French, Spanish).

Proceedings of the Second Inter-regional Debt Management Conference

This publication is a compilation of the presentations made by debt management experts and professionals during the conference. The proceedings of the Second Inter-regional Debt Management Conference, held in April 2000, were published in 2001 and are available by direct order from the secretariat or over the Internet. The proceedings of the Third Inter-regional Debt Management Conference, held in December 2001, will be published in 2002.

DMFAS newsletter

The annual DMFAS Newsletter was published in November 2001. Distributed to all DMFAS users as well as donors and the permanent country missions to the United Nations Office at Geneva, the 13th edition updated readers on some of the latest and forthcoming DMFAS developments.

DMFAS website

Information and documentation on DMFAS are posted and updated regularly on its website www.unctad.org/dmfas. For the Inter-regional Debt Management Conference in December, all pre-conference and post-conference information was made available on a separate sub-site.

7.   WORLD ASSOCIATION OF DEBT MANAGEMENT OFFICES (WADMO)

During the First Inter-regional Debt Management Conference in 1997, a large number of countries expressed the need for an ongoing exchange of experience, know-how and information about debt management at the international level. In response, in 2000 UNCTAD helped establish the World Association of Debt Management Offices (WADMO), which aims to offer debt management professionals an international forum to discuss technical matters of common interest, including the organization of regional events.

Membership of the association had reached 43 by the end of December 2001, and it is currently presided over by the Treasurer of the Philippines. The DMFAS programme, which is serving currently as secretariat, has helped organized three Steering Committee meetings, two of which took place in 2001 (27-28 June and 6 December 2001) and which discussed the association's work plan.

The 2nd General Assembly also took place in 2001 (7 December) and was organized to coincide with the end of the Third Inter-regional Debt Management Conference. On the basis of its previous decision[8] to *"focus on providing a bridge between various regional groups, maintaining an information sharing platform and an interactive website, organizing study tours and technical workshops and functioning as a spokesperson on common technical requirements vis-à-vis multilateral financial institutions, including disbursement issues",* detailed proposals were submitted for discussion and approval. Decisions were taken on membership fees and future activities such as the launching of the association's website and newsletter.

8.   DMFAS AND HIPCs

Twenty-two heavily indebted poor countries (HIPCs)[9] are currently using the DMFAS system.   The majority of them have now centralized their debt portfolio information in a computerized database. More than half use their debt database to analyse and report on public debt electronically, while others are just about to reach this stage. DMFAS activities in HIPCs have shifted increasingly towards training and general capacity-building activities. This has been due to the realization that the professionals who manage the debt portfolio of a developing country must not only be experts in operating debt systems from a procedural perspective, but also understand the financial principles involved in these procedures.

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 and attended by representatives of bilateral donors and regional organizations, as well as representatives of HIPCs. In 2001 the DMFAS programme participated in these meetings, both in London in June and in Maputo, Mozambique, in December. At the meetings, DMFAS shared its experience in the HIPCs, including the development of its analytical components.

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[8] First WADMO General Assembly, 6 April 2000.
[9] The objective of the World Bank/IMF HIPC Initiative is to reduce the debt burden of the poorest countries. The 22 HIPCs using DMFAS are: Angola, Bolivia, Burkina Faso, Burundi, the Central African Republic, Chad, Côte d'Ivoire, Ethiopia, Guinea-Bissau, Honduras, Madagascar, Mauritania, Nicaragua, Rwanda, Sao Tome and Principe, Senegal, Sudan, Togo, Uganda, Viet Nam (which is technically a HIPC, but has opted out of the initiative), Yemen and Zambia.

9. DMFAS AND DEBT STATISTICS

The UNCTAD secretariat, through the DMFAS programme, is an increasingly active member of the Inter-Agency Task Force on Debt Statistics. The other members of the task force are the IMF, the World Bank, the Organisation for Economic Co-operation and Development (OECD), EUROSTAT, the Bank for International Settlements (BIS), the European Central Bank, the Paris Club Secretariat and the Commonwealth Secretariat. Its main objective is to meet on a regular basis and to review the definition, statistical coverage and methodology for international statistical reporting on external indebtedness. Important work was carried out in this area during the year through an IMF lead initiative to update the publication "External Debt: Definition, Statistical Coverage and Methodology"(1988), otherwise known as the "Grey Book". The new publication, called "External Debt Statistics: Guide for Compilers and Users", draws on the broad range of experience of the international agencies and provides advice on the compilation of external debt and the analytical use of such data.

10. DMFAS ADVISORY GROUP AND TRUST FUND

At the end of 2000, a DMFAS Advisory Group was established, following a recommendation by UNCTAD's Trade and Development Board, in order to ensure the financial sustainability of the DMFAS programme. The group is composed of technical representatives of interested member States, including existing and potential donors and beneficiaries, and the UNCTAD secretariat.

Its second meeting[10] was held in Geneva from 25 to 26 June 2001. More than 70 delegates representing country debt offices from all regions of the world, as well as regional and international organizations, and bilateral donors, attended.

During the meeting, the UNCTAD secretariat presented a Trust Fund project document, which had been requested at the previous meeting of the Advisory Group.[11] The Trust Fund will cover the costs of the DMFAS central programme for the period 2002–2005. Its main features are its multi-donor capacity, the fact that it is replenishable upfront, that it allows funds to be co-mingled, and that it contains an element of cost sharing. The project document was generally accepted and it was decided to go ahead with the establishment of the Trust Fund. It was also agreed at this meeting that beneficiary countries would make voluntary contributions to the programme for the maintenance and further development of the software.

The cost-sharing element was stressed as important by the donors. However a number of beneficiary countries were concerned about the issue and a major debate ensued. It was acknowledged that in the past project cost sharing had already been provided for, even if not in a very transparent manner. The need to establish a more standard and transparent system was emphasized. It was agreed, therefore, that cost sharing would be done on a voluntary basis (see below description of the cost-sharing mechanism).

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[10] The meeting was chaired by Mr. Trond Folke Lindberg, Deputy Director-General and Head of the Multilateral Bank and Finance Section, Multilateral Affairs Department, Royal Ministry of Foreign Affairs of Norway; and Mr. Sergio Edeza, Treasurer of the Philippines, Bureau of the Treasury, Philippines.

[11] The Group at its previous meeting had agreed that a DMFAS Trust Fund should be established in order to secure funding of the Programme's central activities during the period 2002-2005. UNCTAD had been requested to prepare the Trust Fund document for that purpose and present it to the Second Advisory Group meeting.

DMFAS cost-sharing mechanism

The first component of the cost-sharing mechanism is the introduction of a yearly maintenance fee. For all user institutions, regardless of the DMFAS version used, a maintenance fee initially set at $5,000 per year will be requested. This maintenance fee, to be introduced during the course of 2002, will allow the user institution to benefit from future upgrades of version 5.2 of the DMFAS and from the privileged types of maintenance services provided by the DMFAS programme's technical team. These benefits will be described in detail in an agreement to be signed between UNCTAD and the user institution.

The second component is the introduction of a one-time participation fee that will be requested from all new user institutions or from a donor within the framework of the relevant project document. This one-time fee for new user institutions, currently set at $100,000, is applicable to all DMFAS versions. Separate arrangements will be made for existing user institutions wishing to upgrade to the future DMFAS version 6 closer to the time of its release.

Also at the Advisory Group meeting, delegations from Argentina, Burkina Faso, the Central African Republic, Côte d'Ivoire, Ethiopia, Gabon, Honduras, Jordan, Lebanon, Mauritania, Sudan, Uganda and Zambia shared information on their DMFAS installations and experiences. In most countries, DMFAS was working well and represented an important tool, allowing them to better manage and analyse their debt data, to service their debt more efficiently and to better prepare for Paris Club negotiations. Delegations indicated their need for continued assistance from the DMFAS programme. They stressed that the DMFAS software should be adapted in order to respond to new and changing needs, especially in the areas of domestic debt management and debt rescheduling.

Representatives of the regional associations, including MEFMI and Pôle Dette, made brief presentations on their collaboration with the DMFAS programme. Also, both the World Bank and the International Monetary Fund gave an overview of their activities in the field of debt management and their cooperation with UNCTAD through the DMFAS programme.

11.   FINANCIAL SITUATION AND FUNDING

Table 3 provides an overview of the DMFAS country project expenditures and activities from 1999 to 2001. In 2001, total country project expenditures (UNDP-managed and other sources) amounted to $1,136,619. This is slightly lower than in the previous two years and partly due to a decrease in the number of assignments of consultants in the countries concerned, as well as to the reduced number of activities following the events of 11 September in New York.

Tables 4 and 5 provide summary and detailed data on yearly expenditures by source. Since 1996, total yearly expenditures (for country projects and the central programme) have remained fairly constant at around $3 million. As can be seen from table 4, over the last five years expenditures from the various sources have also remained fairly constant, except for UNDP.

Indeed, expenditure figures related to UNDP-managed projects reflect rather erratic movements. From 1995 to 1997, they showed a clear tendency to decrease, before bouncing back in 1998 and 1999, only to sharply decrease again in 2000. These oscillations are not expected to even out in the future. Conversely, trust fund expenditures on country and regional projects have

remained fairly constant over the period 1996-2001. With the large number of new and follow-up projects to be started 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 2001, which totalled $2,395,000. The tendency for country projects to increasingly include funding for the personnel component of the central operation of DMFAS continued. This cost-haring element is funding specific country-related activities, as well as general programme support. In 2001, cost sharing amounted to $528,000 (including overheads). This is very similar to the sum of $538,000 in 2000.

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 it is essentially four bilateral donors (the Netherlands, Norway, Sweden and Switzerland) that have provided the main source of financial support for the team (see table 7).

TABLE 1 **STATUS OF DMFAS IMPLEMENTATION**

(end December 2001)

Start date	Country/Authority	Institution[1]	Version installed			
			4.1Plus	5.0	5.1	5.2
1984	Togo	MoF				X
1985	Haiti	CB			X	
	Pakistan	MoF				X
	Trinidad and Tobago	CB			X	
	Uganda	CB/MoF/MoP*				X
1986	Djibouti	MoF	X			
	Egypt	CB				X
	Zambia	CB/MoF				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/CDR				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				X
	Palestinian Authority	MoF				X
2001	Colombia	MoF				
	Gabon	MoF				X
	Madagascar	CB				X
	Mongolia	MoF/CB				X
	Syrian Arab Republic	CB				
	Turkmenistan	MoF				X
Total	**60 countries**		**3**	**4**	**7**	**44**

[1] CB = Central Bank MoP = Ministry of Planning MoF = Ministry of Finance MoE = Ministry of Economy
BoT = Bureau of the Treasury CDR = Council for Development and Reconstruction

* Version installed in the MoP: 4.1 Plus

TABLE 2

OPERATIONAL STATUS OF DMFAS IN COUNTRIES

(end December 2001)

Country/Authority	Institution	Version installed	Implementation stage[1]							Comments
			0	1	2	3	4	5	6	
Albania	MoF	5.2		X	X	X				
Angola	CB	5.2		X						Database being established
Argentina	MoF	5.2		X	X	X	X	X	X	
Bangladesh	MoF/CB	5.2		X	X	X				CB stage 1
Belarus	MoF	5.1		X	X	X	X			
Bolivia	MoF/CB	5.2		X	X	X	X		X	
Burkina Faso	MoF	5.2		X	X	X	X			
Burundi	MoF	5.2		X	X	X				
Central African Rep.	MoF	4.1 Plus	X							
Chad	MoF	5.2		X	X	X				
Colombia	MoF	5.2								New project being initiated
Costa Rica	CB	5.2		X	X	X	X			4.1 Plus in MoF
Côte d'Ivoire	MoF	5.2		X						
Djibouti	MoF	4.1 Plus	X							4.1 Plus in use
Dominican Republic	CB	5.2		X	X	X	X			
Ecuador	MoF/CB	5.2		X	X	X	X		X	
Egypt	CB	5.2		X	X	X	X			
El Salvador	MoF	5.2		X	X	X	X	X		
Ethiopia	MoF	4.1 Plus		X	X	X				4.1 Plus in use
FYR of Macedonia	CB	5.1		X	X	X	X			
Gabon	MoF	5.2		X	X	X	X			New project being initiated
Georgia	MoF	5.2		X	X	X	X	X		
Guatemala	MoF	5.2		X	X	X	X	X	X	
Guinea-Bissau	MoF	5.1	X							To be reinstalled
Haiti	CB	5.1		X	X	X	X			
Honduras	MoF	5.2		X	X	X	X		X	
Indonesia	MoF	5.2		X	X	X	X			
Islamic Rep. of Iran	CB	5.2		X	X	X	X			
Jordan	MoF	5.2		X	X	X	X			
Kazakhstan	MoF/CB/Exim	5.1		X	X	X	X			
Lebanon	MoF/CB	5.2		X	X	X	X			
Lithuania	MoF	5.2		X	X	X	X			
Madagascar	CB	5.2		X	X	X				Ongoing
Mauritania	MoF	5.2		X	X	X	X			
Mongolia	MoF	5.2		X	X					
Nicaragua	MoF/CB	5.2		X	X	X	X		X	
Pakistan	MoF	5.2		X	X	X				
Palestinian Authority	MoF	5.2		X	X					Ongoing
Panama	MoE	5.2		X	X	X	X		X	
Paraguay	MoF/CB/MoP	5.2		X	X	X	X	X	X	
Peru	MoF	5.0	X							
Philippines	BoT	5.2		X	X	X	X			
Rep. of Moldova	MoF/CB	5.2		X	X	X	X			
Romania	MoF/CB	5.2		X	X	X	X	X		
Rwanda	MoF	5.2		X	X	X	X	X		
Sao Tome and Principe	MoF/CB	5.0	X							
Senegal	MoF	5.0	X							Project closed
Sudan	CB	5.2		X	X	X	X			
Syrian Arab Republic	CB	5.2								New project being initiated
Togo	MoF	5.2		X	X	X				Follow-up project being initiated
Trinidad and Tobago	CB	5.1		X	X	X				
Turkmenistan	MoF	5.2		X	X	X				
Uganda	CB/MoF	5.2		X	X	X	X	X		
Ukraine	MoF	5.0	X							
Uzbekistan	MoF	5.1	X							
Venezuela	MoF	5.2		X	X	X	X		X	
Viet Nam	MoF/CB	5.2		X	X	X				Valid for both institutions
Yemen	CB	5.2		X	X					
Zambia	CB	5.2		X	X	X	X			
Zimbabwe	MoF/CB	5.2		X	X	X	X	X		

[1]**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 staff trained
Stage 6   DMFAS is, or is being, integrated within IFMS

TABLE 3   OVERVIEW OF DMFAS ACTIVITIES FROM 1999 TO 2001

Country/Authority	Government agency	Country project expenditures ($)			Number of missions by central staff			Number of weeks spent by consultants in countries		
		1999	2000	2001	1999	2000	2001	1999	2000	2001
Albania	MoF	49 806	26 819	-	-	2	-	3	2	-
Angola	CB	-	269 826	67 251	-	2	-	-	11	-
Argentina	MoF	116 072	70 162	52 289	-	2	2	-	-	-
Bangladesh	MoF	-	-	51 472	-	2	-	-	7	6
Belarus	MoF	25 365	20 429	(5 753)	-	-	-	6	-	-
Bolivia	MoF/CB	34 825	-	116 941	-	2	2	-	6	3
Burkina Faso	MoF	29 066	77	5 120	1	2	2	-	-	-
Burundi	MoF	-	-	19 268	-	-	-	-	-	2
Central African Republic	MoF	6 202	5 764	-	1	-	-	-	-	-
Chad	MoF	-	-	42 331	-	-	1	-	-	12
Colombia	MoF	-	68 486	119 193	-	-	2	-	4	-
Costa Rica	CB	969	-	5 435	1	-	-	-	-	-
Côte d'Ivoire	MoF	27 799	10 016	-	-	2	-	6	-	-
Djibouti	MoF	-	-	-	-	-	-	-	-	-
Dominican Republic	CB	28 713	18 546	-	1	1	-	4	-	-
Ecuador	MoF	34 682	32 466	(165)	-	2	-	-	1	-
Egypt	CB	-	16 475	18 436	-	-	1	-	-	-
El Salvador	MoF	96 101	17 874	12 843	2	3	-	9	-	-
Ethiopia	MoF	11 231	-	-	-	-	-	-	-	-
FYR Macedonia	CB	-	21 562	-	-	-	-	5	7	-
Gabon	MoF	-	-	41 952	-	-	4			-
Georgia	MoF	56 260	33 932	65 537	1	1	-	8	2	3
Guatemala	MoF/CB	115 015	14 823	80 947	5	-	2	16	4	4
Guinea-Bissau	MoF	(1 736)	-	33 405	-	-	-	-	-	-
Haiti	CB	26 834	-.	-	1	-	-	4	-	-
Honduras	MoF	48 930	16 431	-	2	1	-	3	5	-
Indonesia	MoF	-	127 055	56 807	-	-	-	-	7	9
Islamic Rep. of Iran	CB	36 769	34 279	-	-	2	-	-	2	-
Jordan	MoF	5 412	8 382	10 138	2	-	1	3	3	-
Kazakhstan	MoF/CB/Exim	74 464	(3 188)	-	-	-	-	12	-	-
Kyrgyzstan		-	-	-	-	-	1			-
Lebanon	MoF/CB	-	-	-	-	-	-	-	-	-
Lithuania	MoF	28 371	28 638	-	-	-	-	5	4	-
Madagascar	CB	-	-	79 119	-	-	2	-	-	4
Mauritania	MoF	253	-	6 113	1	-	-	-	-	-
Mexico*	MoF/NAFIN	-	-	-	-	-	-	-	-	-
Mongolia	MoF/CB	-	-	119 836	-	-	1	-	-	8
Nicaragua	MoF	3 345	5 106	-	-	1	-	-	-	-
Pakistan	MoF	7 041	-	-	-	-	2	-	-	-
Palestinian Authority	MoF	-	68 071	(11 219)	-	-	1	-	-	-
Panama	MoF	32 121	8 160	4 777	2	2	-	4	-	-
Paraguay	MoF	3 284	14 082	-	-	-	1	-	-	2
Peru	MoF	11 443	49 690	-	-	-	-	-	3	-
Philippines	BoT	54 156	544	-	2	-	-	3	1	-
Rep. of Moldova	MoF/CB	22 028	15 475	13 483	1	2	1	3	2	-
Romania	MoF/CB	80 574	28 558	-	2	-	-	-	5	-
Rwanda	MoF	88 304	52 313	17 968	-	-	-	10	14	4
Sao Tome and Principe	MoF/CB	-	(17 214)	-	-	-	-	-	-	-
Senegal	MoF	(14 319)	-	-	-	-	-	-	-	-
Sudan	CB	45 975	27 573	9 928	1	-	2	13	-	-
Syrian Arab Republic	CB	-	2 215	9 610	-	2	2	-	-	-
Togo	National Fund	-	44 695	34 609	-	-	3	-	2	3
Trinidad and Tobago	CB	20 580	-	-	2	-	-	-	-	-
Turkmenistan	MoF	-	-	28 619	-	-	2	-	-	-
Uganda	CB/MoF	4 149	-	-	-	-	-	-	-	-
Ukraine	MoF	-	-	-	-	-	-	-	-	-
Uzbekistan	MoF	-	-	-	-	-	-	-	-	-
Venezuela	MoF	138 793	(339)	-	3	-	-	28	28	-
Viet Nam	MoF/CB	112 714	17 622	31 743	1	-	-	14	5	4
Yemen	CB	32 852	36 149	-	1	-	-	2	1	-
Yugoslavia	MoF	-	-	1 921	-	-	3			-
Zambia	CB	-	33 058	(788)	-	2	-	-	6	-
Zimbabwe	MoF/CB	121	31 538	(2 547)	-	2	-	3	1	-
Exploratory missions **					3	10	4	-	-	-
Total		**1 494 564**	**1 256 150**	**1 136 619**	**36**	**45**	**42**	**164**	**133**	**64**

* Preparatory assistance activities   CB = Central Bank   MoF = Ministry of Finance
** 2001: Bahrain and Qatar

TABLE 4   DMFAS PROGRAMME SUMMARY OF YEARLY EXPENDITURES BY SOURCE
(central and local)

(In 000 $)

	Cumulative incl. 1995		1996		1997		1998		1999		2000		2001		Cumulative incl. 2001	
	$	%	$	%	$	%	$	%	$	%	$	%	$	%	$	%
UNDP managed: (a)																
Interregional projects	3 278	18	–	0	–	0	–	0	–	0	–	0	–	0	3 278	9
Country/regional projects	6 983	39	331	12	195	6	776	25	794	25	435	14	534	18	10 048	28
Total UNDP	**10 261**	**58**	**331**	**12**	**195**	**6**	**776**	**25**	**794**	**25**	**435**	**14**	**534**	**18**	**13 326**	**37**
Other sources: (b)																
Interregional projects	–	0	–	0	–	0	–	0	28	1	–	0	–	0	28	0
Country/regional trust funds	842	5	715	25	923	30	736	23	700	22	821	27	603	20	5 340	15
Total other sources	**842**	**5**	**715**	**25**	**923**	**30**	**736**	**23**	**728**	**23**	**821**	**27**	**603**	**20**	**5 368**	**15**
UNDP + Other (a) + (b)	**11 103**	**62**	**1 046**	**37**	**1 118**	**36**	**1 512**	**48**	**1 522**	**49**	**1 256**	**41**	**1 137**	**38**	**18 694**	**52**
Bilateral donors:																
Central programme	3 833	21	1 367	49	1 415	46	974	31	699	22	841	28	1 009	34	10 138	28
Total donor countries	**3 833**	**21**	**1 367**	**49**	**1 415**	**46**	**974**	**31**	**699**	**22**	**841**	**28**	**1 009**	**34**	**10 138**	**28**
UNCTAD: (c)																
Central programme																
Regular budget	2 899	16	399	14	493	16	435	14	640	21	621	20	568	19	6 055	17
Overheads savings etc.	–	0	–	0	57	2	230	7	253	8	213	7	150	5	903	3
Development Account	–	0	–	0	–	0	–	0	–	0	113	4	140	5	253	1
Total UNCTAD	**2 899**	**16**	**399**	**14**	**550**	**18**	**665**	**21**	**893**	**29**	**947**	**31**	**858**	**29**	**7 211**	**20**
Grand total	**17 835**	**100**	**2 812**	**100**	**3 083**	**100**	**3 151**	**100**	**3 114**	**100**	**3 044**	**100**	**3 004**	**100**	**36 043**	**100**

(a) Break in the time series: From 1999 onwards, 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 without distinction under "UNDP" or "Other sources".

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

(c) Estimates of personnel costs.

TABLE 5 DMFAS FINANCIAL REPORT

TABLE 5.A

A. UNDP country projects (in $)

Country projects	Allocation	Expenditures		Unspent budget balance
UNDP funded/managed*	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01
Albania	283 250	216 324	-	66 926
Argentina (2 projects)	1 513 339	1 483 562	52 289	29 777
Armenia	3 850	2 099	-	1 751
Bangladesh (2 projects)	745 980	745 980	-	-
Belarus	91 410	91 410	(5 753)	-
Bolivia (2 projects)	108 902	108 902	-	-
Burundi	119 148	119 148	-	-
Colombia	712 602	187 679	119 193	524 923
Costa Rica	35 740	35 740	-	-
Djibouti	140 239	140 239	-	-
Egypt	926 173	926 173	-	-
Ethiopia	161 911	161 911	-	-
FYR of Macedonia	23 222	21 562	-	1660
Georgia (2 projects)	224 598	175 455	65 537	49 143
Guatemala	252 120	210 786	80 947	41 335
Guyana	73 646	73 646	-	-
Haiti (2 projects)	213 189	213 189	-	-
Indonesia	455 096	455 096	-	-
Lebanon	33 136	33 136	-	-
Liberia	109 268	109 268	-	-
Madagascar	272 463	223 551	79 119	48 912
Mexico**	52 051	52 051	-	-
Nicaragua	37 000	37 000	-	-
Pakistan	427 659	427 659	-	-
Panama	476 946	476 946	4 777	-
Paraguay	265 616	184 392	-	81 224
Peru (2 projects)	104 201	104 201	-	-
Philippines (2 projects)	519 612	517 851	-	1 761
Rep. of Moldova (2 projects)	169 439	166 465	13 483	2 974
Romania	79 114	72 358	-	6 756
Rwanda (3 projects)	411 453	407 810	17 968	3 643
Sao Tome and Principe	72 419	56 770	-	15 649
Syrian Arab Republic	72 499	11 825	9 610	60 674
Togo (2 projects)	286 321	215 625	34 609	70 696
Trinidad and Tobago	75 705	75 705	-	-
Turkmenistan	70 315	28 619	28 619	41 696
Uganda	213 276	213 276	-	-
Ukraine	46 284	46 284	-	-
Uzbekistan	85 429	85 429	-	-
Venezuela	272 744	272 436	-	308
Viet Nam	258 686	253 299	31 743	5 387
Yemen	261 983	69 001	-	192 981
Yugoslavia**	2 800	1 921	1 921	879
Zambia	185 755	185 755	-	-
Zimbabwe	141 580	141 580	-	-
Total UNDP country	**11 088 168**	**9 839 113**	**534 062**	**1 249 055**

* 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 $)

Regional UNDP	Allocation	Expenditures		Unspent budget balance
	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01
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 projects (in $)

Interregional UNDP	Allocation	Expenditures		Unspent budget Balance
	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01
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)

	Allocation	Expenditures		Unspent budget balance
	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01
Total UNDP	**14 568 083**	**13 325 961**	**534 062**	**1 242 122**

TABLE 5.D

D.   Other sources (in $)

Country/Authority projects	Allocation*	Expenditures		Unspent budget balance	Source of funds
	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01	
Angola***	348 958	337 077	67 251	11 881	G
Bangladesh	206 112	51 472	51 472	154 640	N
Bolivia (2 projects)	310 782	201 826	116 941	108 956	STF, G
Burkina Faso	185 000	117 707	5 120	67 293	STF
Burundi	68 000	19 268	19 268	48 732	G
Central African Republic	60 000	54 354	-	5 646	WB grant
Chad	99 700	42 331	42 331	57 369	G
Costa Rica	68 025	63 424	5 435	4 601	CB
Côte d'Ivoire	37 815	37 815	-	-	STF
Dominican Republic	178 540	132 114	-	46 426	G
Ecuador (3 projects)	537 877	537 877	(165)	-	G, J, IBRD
Egypt	43 500	34 911	18 436	8 589	G
El Salvador	135 374	126 818	12 843	8 556	G
Ethiopia	91 944	91 944	-	-	STF
Gabon	262 000	41 952	41 952	220 048	G
Guinea-Bissau	180 000	109 844	33 405	70 156	STF
Haiti	40 000	26 834	-	13 166	IDB
Honduras (2 projects)	95 872	95 542	-	330	WB/IDF, STF
Indonesia	239 210	183 862	56 807	55 348	AUSAID
Islamic Republic of Iran	196 493	195 072	-	1 421	WB grant
Jordan	146 430	68 158	10 138	78 272	STF
Kazakhstan (2 projects)	326 964	307 770	-	19 194	USAID, WB
Lithuania	64 410	57 009	-	7 401	G
Mauritania	149 699	149 700	6 113	-	STF
Mongolia	434 937	119 836	119 836	315 101	WB loan
Morocco	4 892	4 892	-	-	G
Nicaragua	180 868	180 868	-	-	STF
Pakistan	50 288	50 288	-	-	G
Palestinian Authority**	262 618	56 852	(11 219)	205 766	N
Peru	137 106	137 106	-	-	STF
Romania (2 projects)	396 844	395 257	-	1 587	WB, J
Senegal	61 332	61 332	-	-	STF
Sudan***	86 280	83 476	9 928	2 804	AfDB
Trinidad and Tobago	24 750	20 580	-	4 170	G
Uganda	34 914	34 914	-	-	G
Viet Nam (2 projects)	237 046	207 527	-	29 519	ADB, STF
Zambia	34 725	32 270	(788)	2 455	G
Zimbabwe	34 495	29 112	(2 547)	5 383	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	374 985			374 985	STF
Total trust funds	**7 302 623**	**5 367 961**	**602 557**	**1 934 663**	

* Includes overheads   ** First disbursement only   *** Allocation includes interest accrued
G - Government
WB - World Bank   NL - Netherlands
ADB - Asian Development Bank   N - Norway
AfDB - African Development Bank   ESAIDARM - Chief Technical Officer assigned to the Eastern and Southern
J - Japanese Government   African Initiative in Debt and Reserves Management Secretariat
IDB - Inter American Development Bank   STF - Swiss Trust Fund
IDF - Institutional Development Fund

TABLE 5.E

E. Bilateral support to central team (since 1984)

Donor countries*	Allocation	Expenditures ($)		Unspent budget balance	
	Total allocation up to 31.12.01	Cumulative (incl. 2001)	2001	as of 31.12.01	
Belgium	172 089	172 089	-	-	(a)
Belgium**	201 052	193 965	-	7 087	(b)
Denmark**	312 226	312 226	-	-	(c)
Finland**	234 405	234 405	-	-	(d)
Finland**	378 390	345 186	52 323	33 204	(e)
France	17 717	17 717	-	-	(f)
Germany	368 352	311 212	42 880	57 140	(g)
Ireland**	71 317	62 359	3 179	8 958	(h)
Italy	900 290	900 290	-	-	(i)
Italy	144 510	144 510	-	-	(j)
Italy	100 000	100 000	-	-	(k)
Netherlands	192 764	192 764	-	-	(p)
Netherlands**	2 438 718	2 143 086	221 016	295 632	(q)
Norway	225 921	225 921	-	-	(l)
Norway	256 245	256 245	-	-	(m)
Norway**	367 382	367 382	-	-	(n)
Norway	2 252 301	1 403 684	484 735	848 617	(o)
Switzerland**	1 551 769	1 539 088	99 949	12 681	(r)
Sweden	600 000	600 000	(1 551)	-	(s)
Sweden**	651 398	386 616	106 048	264 782	(t)
United Kingdom	228 459	228 459	-	-	(u)
TOTAL	**11 665 305**	**10 137 204**	**1 008 579**	**1 528 101**	

* Includes overheads
** Allocation includes interest accrued

(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– 997)
(e)   General Programme Contribution (1999–2001)
(f)   Support for debt management missions. BCEAO countries (1994)
(g)   Associate experts (1987–1989, 2001)
(h)   General Programme Contribution (1999–2001)
(i)   General Programme Contribution (1989–1994)
(j)   Associate experts (1992–1994)
(k)   General Programme Contribution (1995–1996)
(l)   General Programme Contribution (1986–1989)
(m)   General Programme Contribution (1995–2001)
(n)   Associate experts (1988–1991)
(o)   Associate experts (1992–1995)
(p)   General programme contribution and support for debt management missions (1988–1996)
(q)   General Programme Contribution (1995–2001)
(r)   General Programme Contribution (1995–2001). Excludes country projects financed by the Swiss Trust Fund, listed under "Other sources"
(s)   General Programme Contribution (1999–2001)
(t)   General Programme Contribution (1999–2001)
(u)   Associate experts (1992–1994)

TABLE 6   **EXPENDITURE FOR THE DMFAS PROGRAMME**
CENTRAL OPERATIONS

|	2001 Expenditures $
Regular budget:	
- personnel*	554 000
- travel	3 781
- communication costs*	10 000
- office maintenance	pm
Total regular budget	**567 781**
Overheads:	
- personnel*	150 000
- travel	-
Total overheads	**150 000**
Development account:	
- personnel	111 543
- travel	28 877
Total development account	**140 420**
Bilateral donor contributions:	
- personnel	720 150
- travel	18 178
- equipment	17 395
- consultancy services	59 029
- conferences, training and seminars	71 340
- others	11 209
- overhead charges	111 278
Total bilateral donor contributions	**1 008 579**
Cost sharing by beneficiaries / country project for specific activities and general support:	
- personnel	441 362
- overhead charges*	86 668
Total cost sharing	**528 030**
Grand total	**2 394 810**

* Estimation

TABLE 7   **BILATERAL DONORS' CONTRIBUTIONS, 1995–2001**

(In $)

	1995	1996	1997	1998	1999	2000	2001	Total
General programme support[1]								
Belgium		188 911						**188 911**
Denmark	300 000							**300 000**
Finland		228 378				352 000		**580 378**
Germany							42 880	**42 880**
Ireland					64 349			**64 349**
Italy	100 000							**100 000**
Netherlands	647 895	602 231		531 802		300 000	247 707	**2 329 635**
Norway	171 225	78 145	225 000	225 000	235 106	303 500	976 231	**2 214 207**
Sweden	300 000		300 000		299 243		324 550	**1 223 793**
Switzerland (Component 1)	378 788	431 034		272 122			100 000	**1 181 944**
Total	**5799**	**5222**	**525 000**	**1 028 924**	**3295**	**3455**	**1 691 368**	**8 226 097**

[1] The year of contribution does not necessarily correspond to the year in which funds are used.

FIGURE 1

2001 Expenditures for the DMFAS programme's central operations, by source

- Regular budget
- Overheads
- Development account
- Bilateral donor contributions
- Cost sharing

FIGURE 2

Bilateral donors' contributions to the DMFAS programme's central[1] operations, 1995–2001

(in 000 $)
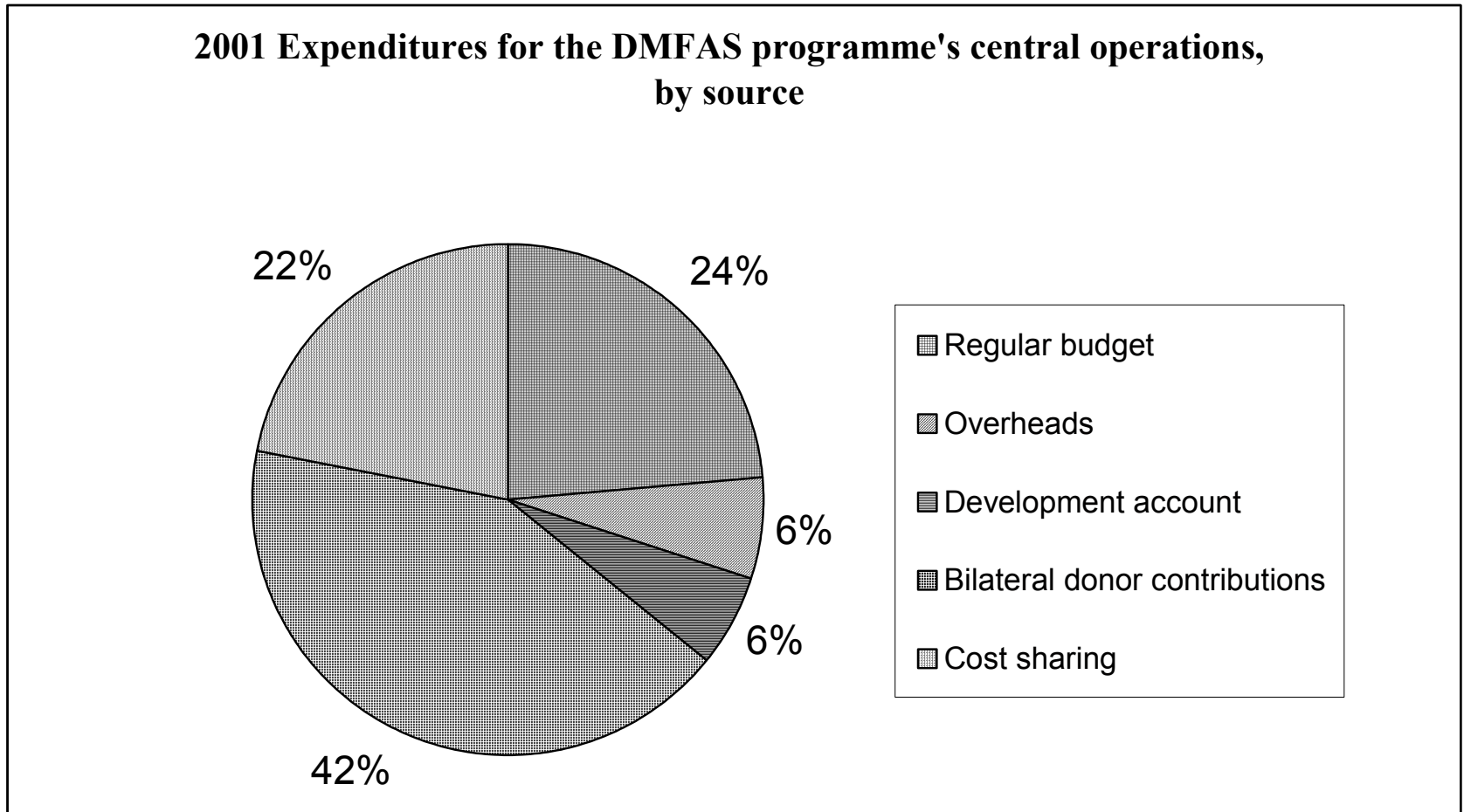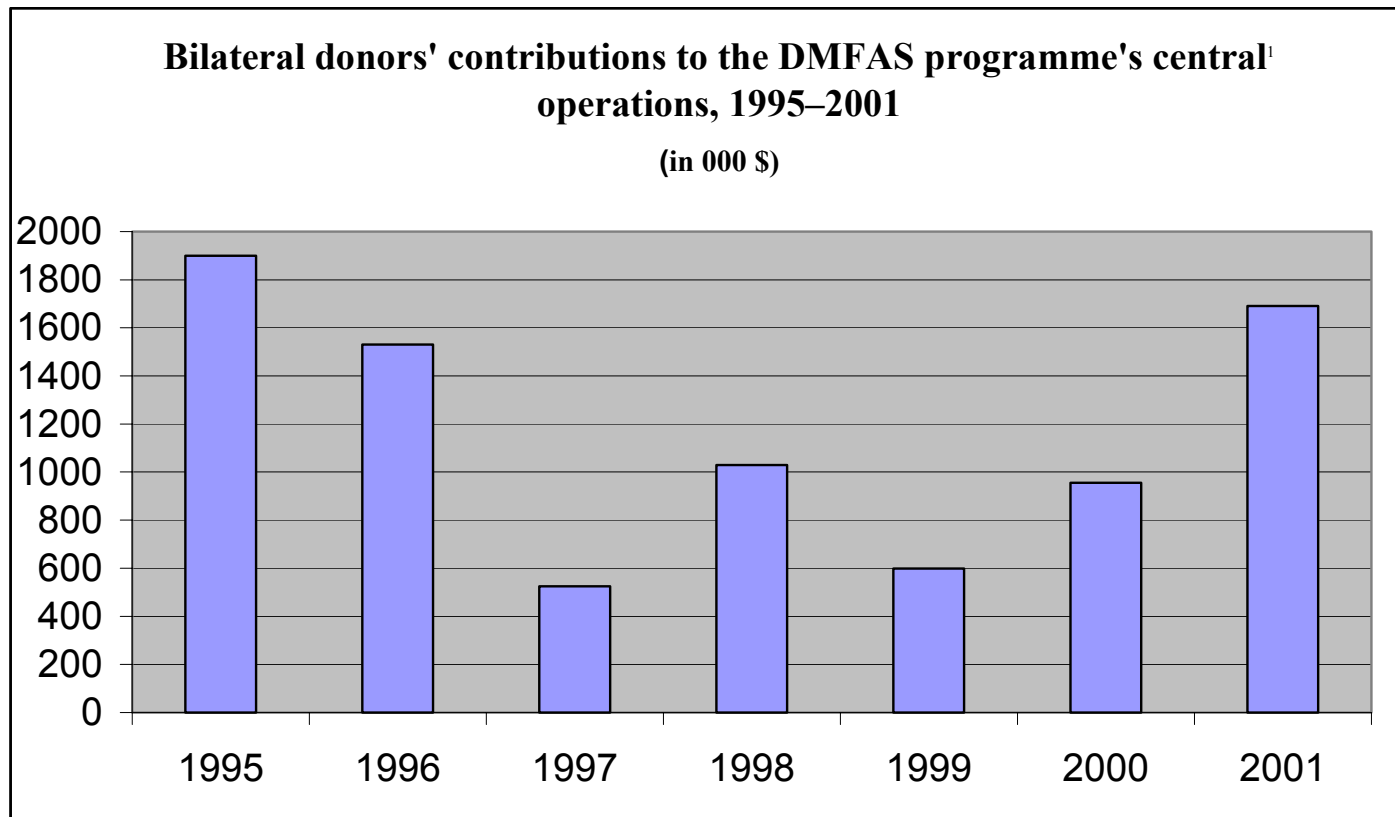
[1] The year does not necessarily correspond to the year in which funds are used.

Annex 1

Country information

ALBANIA

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 (Windows NT)

Link with other system: No

Future system developments:

Note:

The project, financed by UNDP, not only planned the installation of 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 2001:

If no activity in 2001, last activity:

In 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. Also in 2000, a mission to the Ministry of Finance took place in order to carry out the export of the database on grants to DMFAS 5.2.

Problems encountered:

Planned activities:

A technical mission is scheduled for spring 2002 to solve server problems.

ANGOLA

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 2001:

UNCTAD posted a resident adviser to Luanda for six months. The terms of reference included following up on data entry activities and advising the Government on various debt issues, including Angola's participation in the HIPC Initiative. Training in DMFAS reporting and data validation were also important elements.

Problems encountered:

Planned activities:

- A debt sustainability analysis workshop, to be undertaken in cooperation with MEFMI;
- Installation of DMFAS in the Ministry of Finance;
- Participation of representatives of the Government of Angola in a joint MEFMI/UNCTAD workshop on DMFAS reporting to be held in Kampala in October 2002.

ARGENTINA

DMFAS start date: 1993

DMFAS installation:
- Current installation: 5.2 (January 2000*, December 2000**, 2001***)
- Previous installation: 5.1 (1998)

Language: Spanish

Location: Ministry of Finance* and in the Local Ministries of Finance of the Provinces of Catamarca, Río Negro**, Chaco***, Formosa*** and Misiones***.

Environment: Local area network (Windows NT)

Link with other system:

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

Future system developments:

UNCTAD has been developing adaptations to suit the specific needs of the Argentine provinces, which will be included in DMFAS version 5.2.1.

Note:

The Government of Argentina concluded a new project document with UNCTAD on the implementation of DMFAS in the above-mentioned Argentine provinces in January 2001. It also created a working group which carries out installation and training missions in the provinces and provides user support. UNCTAD is providing the DMFAS system, developing specific adaptations, performing audit missions and backstopping the working group. 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 functionalities for handling the euro in DMFAS 5.2.

Current project status: Active

Activities in 2001:

- DMFAS 5.2 was installed in all five of the above provinces by a working group of the Ministry of Finance which was specifically created for this purpose during the year. The group also trained users.
- In June, UNCTAD's systems analyst carried out a technical auditing mission to the provinces of Catamarca, Río Negro and Chaco to check the technical progress of the project.
- In November, an UNCTAD expert organized a debt sustainability workshop using the DSM+ at the Ministry of Finance in Buenos Aires.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Note:

UNCTAD's main project activities in Argentina during 2001 focussed on, and will focus on, the implementation of DMFAS in the Argentine provinces. Argentina's provinces are entitled to contract their own debt independently and are thus adding to the public debt burden of the country. The Government-executed project assists the provinces in the management of their debt and centralizes debt information in a debt database in the Ministry of Finance, in accordance with its objective. A Ministry of Finance (Central Government) team has been specifically set up to install the DMFAS, provide training and first-line technical support, while UNCTAD provides the DMFAS software with its specific adaptations and assists in technical matters.

Problems encountered:

These were minor, but included communication difficulties between the responsible entities in the Ministry and the provinces.

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 (ongoing);
- Development of a database in the Ministry of Finance with information coming from the provinces' DMFAS installations (ongoing);
- Supervision and support missions;
- Organization of workshops.

BANGLADESH

DMFAS start date: 1992

DMFAS installation:
- Current installation: 5.2 (February 2002)
- Previous installation*: 5.0 (1996),

Language: English

Locations: Ministry of Finance* (Economic Relations Division), Bangladesh Bank, NGO Affairs Bureau

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Note:

The current project called "Capacity Building for Management of Foreign Aid in Bangladesh" aims at monitoring the Government and private sector external debt, Government external grants and external grants to NGOs.

Current project status: Active

Activities in 2001:

- Within the context of a new three-year comprehensive debt management project signed in 2001 and financed by the Government of Norway, a Chief Technical Adviser (CTA) was assigned to UNCTAD and undertook an initial mission to Dhaka at the end of the year. The CTA began the project's local activities and carried out the groundwork in preparation for the first DMFAS installation mission, planned for the beginning of 2002. Activities undertaken included recruiting local project personnel and preparing the relevant staff from the Ministry of Finance and the Bangladesh Bank for project-related training activities.
- In December, a country delegate participated in UNCTAD's Third Inter–regional Debt Management Conference, in Geneva.

Problems encountered:

Institutional delays in recruiting the CTA.

Planned activities:

Continuous implementation of project activities for the next three years, including the organization of the DMFAS installation and training mission to Dhaka in February 2002.

BELARUS

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 (Novell)

Link with other system: No

Future system developments:

Current project status: Closed (2001)

Activities in 2001:

In December, a country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

BOLIVIA

DMFAS start date: 1993

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

Language: Spanish

Location: Central Bank of Bolivia* and the Ministry of Finance

Environment: Local area network (Windows 2000) with remote access by the Ministry of Finance to the Central Bank (Windows NT)

Link with other system:

The DMFAS is being integrated with the Government's financial administration system in the framework of the ILACO II project (Financial Decentralization and Responsibilities Project Phase II).

Future system developments:

UNCTAD has been adapting the DMFAS to suit the Bolivian requirements for managing domestic debt. A specific bond module has been developed, which will be incorporated into DMFAS version 5.2.1.

Current project status: Active

Activities in 2001:

- In April/May, UNCTAD sent a four-week mission to the Ministry of Finance to provide training in the use of DMFAS, to analyse the requirements for an adaptation of DMFAS and to hold a workshop on the integration of DMFAS with the SIGMA.
- Country officials participated in UNCTAD's Third Inter-regional Debt Management Conference, in December, Geneva.

Problems encountered:

Users at the Ministry of Finance encountered problems in entering certain types of bonds into DMFAS 5.2 and decided to postpone the entry of those debt instruments until the finalization of the bonds module.

Planned activities:

- Installation of the adapted version of DMFAS (bonds module), validation, testing and training in its use;
- Training in DMFAS reports;
- DSM+ workshop;
- Project evaluation mission.

BURKINA FASO

DMFAS start date: 1997

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

Language: French

Location: Ministry of Finance

Environment: Local area network (Novell)

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 2001:

- A two-week mission was undertaken in November to revise the database and to provide advanced training to users.
- A country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference, in December, Geneva.

Problems encountered:

As the server of the Debt Unit is out of order, it is using a server lent by the Ministry of Finance's IT department.

Planned activities:

- Purchase of new equipment in 2002;
- Revision of the database during the second half of 2002.

BURUNDI

DMFAS start date: 1987

DMFAS installation:
- Current installation: 5.2 (April 2001)
- Previous installation: 4.1 Plus (1990)

Language: French

Location: Ministry of Finance (Treasury Department)

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- DMFAS 5.2 was installed in April after data conversion from 4.1 Plus to version 5.2 in Geneva.
- An official came to Geneva for two weeks in order to be trained in version 5.2.
- In December, a country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

Training in the use of DMFAS 5.2, in Bujumbura, for all officials of the Debt Unit in February 2002.

CENTRAL AFRICAN REPUBLIC

DMFAS start date: 1995

DMFAS installation:

- Current installation: 4.1 Plus (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:

Discussions were held between UNCTAD and the Ministry of Finance to elaborate and seek funding for a new DMFAS project in Bangui. This follows a DMFAS planning mission to Bangui in May 1999 during which the extension of the previous project was discussed with the Government and interested donors. 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.

Current project status: Active

Activities in 2001:

If no activity in 2001, last activity:

Planning mission in May 1999 (see above note).

Problems encountered:

The implementation of the previous project was delayed due 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 a new project document during 2002. The main activity of this project will be the conversion from version 4.1 Plus to version 5.2.

CHAD

DMFAS start date: End 2000

DMFAS installation:
- Current installation: DMFAS 5.2 (February 2001)
- Previous installation:

Language: French

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- The installation of DMFAS 5.2 took place in June.
- A training and database assessment mission took place in October–November.

Problems encountered:

Planned activities:

- Participation in a Pôle Dette workshop on statistical bulletins and user-defined reports is planned for March 2002;
- Training on DSM+ is planned for Geneva in April 2002.

COLOMBIA

Project start date: March 2001

DMFAS installation:
- Current installation: 5.2 (June 2000)
- Previous installation:

Language: Spanish

Location: Ministry of Finance (Directorate of Public Credit)

Environment: Local area network.

Link with other system: No

Future developments:

Use of the Internet version of DMFAS is planned, as is a link to the Financial Administration System.

Current project status: Active

Activities in 2001:

After a successful test run in 2000, UNCTAD signed a framework agreement with the Ministry of Finance on 21 February 2001. It foresees the implementation of DMFAS in the Ministry after the incorporation of substantive changes to DMFAS according to Colombian needs. Work on the definition of user requirements has started and the development of important new functionalities will be carried out by UNCTAD in cooperation with IT staff of the Ministry of Finance. During 2001, three missions took place:

- A needs assessment mission to Bogotá in March, in order to assess Colombian needs. During this mission, the current version of DMFAS was also installed.
- A delegation from Bogotá visited the DMFAS programme in October. This mission initiated work on the definition of specific Colombian user requirements.
- The Deputy Director for Risk Management from the Ministry of Finance who was an invited speaker to UNCTAD's Inter–regional Debt Management Conference, in December, Geneva, also met with DMFAS programme staff to discuss future country project activities.

Problems encountered:

Planned activities:

The definition of user requirements is expected to be finalized during a mission to Bogotá, planned for April 2002, after which work on the development of new functionalities is expected to start.

COSTA RICA

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 (Novell), single-user platforms for 4.1 Plus

Link with other system: No

Future system developments:

A new project, discussed with the Ministry of Finance in the framework of the State Modernization Project, envisages the integration of DMFAS within the Government's Financial Management Systems.

Current project status: Active

Activities in 2001:

A consultant on secondment from the Ministry of Economy of Panama conducted a two-week training seminar in the Central Bank of Costa Rica. This "refresher course" was organized to train new debt officers in the use of DMFAS 5.2.

Problems encountered:

Planned activities:

CÔTE D'IVOIRE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (June 2001)
- Previous installation: 5.1.2 (2000)

Language: French

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

The National Debt Division is involved in the implementation of 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: Closed

Activities in 2001:

- In June, three officials received advanced training in DMFAS.
- Version 5.2 was installed in June by the Ministry of Finance's IT staff.

Problems encountered:

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 – this has led to a status problem for the transferred staff in charge of the DMFAS. The political situation in the country has had a

negative impact on the project. Since Switzerland decided to close the project, it has been impossible to organize missions.

Planned activities:

As the African Development Bank is ready to finance a project on capacity building, a new project has been proposed to the Ivorian Authorities. This project is expected to be signed during the first half of 2002.

DJIBOUTI

DMFAS start date: 1986

DMFAS installation:

- Current installation: 4.1 Plus (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 2001:

If no activity in 2001, last activity:

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

Problems encountered:

Identifying funding for proposed new project

Planned activities:

A needs assessment mission is planned for April 2002 during which modalities of cooperation and funding will be discussed with the relevant officials of the new Debt Office of the Ministry of Finance. The objective is to prepare a new technical cooperation debt management project document. The main activity will be the conversion from 4.1 Plus to Version 5.2.

DOMINICAN REPUBLIC

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 (UNIX)

Link with other system: No

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

Current project status: Active

Activities in 2001:

If no activity in 2001, last activity:

A technical mission took place in July 2000 to install version 5.2 and to resolve outstanding technical issues, including data inconsistencies, data security and auditing.

Problems encountered:

Planned activities:

- Discussions are taking place with the Ministry of Finance, where the implementation of DMFAS is being considered.
- Full implementation and training in DSM+ at the Central Bank have been requested.

ECUADOR

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 the Central Bank*

Environment: Local area network (Windows NT)

Link with other system:

DMFAS has been successfully integrated into Ecuador's 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 2001:

If no activities in 2001, last activity:

DMFAS 5.2 was installed in July 2000 and staff trained in its use.

Problems encountered:

The Central Bank and the Ministry of Finance are running two databases with information partly overlapping. This caused a discrepancy in results between the databases.

Planned activities:

EGYPT

DMFAS start date: 1986

DMFAS installation:
- Current installation: 5.2 (April 2001)
- Previous installation: 4.1 Plus (1990)

Language: English

Location: Central Bank

Environment: Local area network (Windows NT)

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.

Current project status: Active

Activities in 2001:

- Debt data were converted from the 4.1 Plus to the 5.2 version in Geneva, in February.
- Two officials from the Central Bank of Egypt came to Geneva for two weeks in February in order to be trained.
- An installation mission took place in May 2001.
- In December, a country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

EL SALVADOR

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 (Windows NT)

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 2001:

An UNCTAD consultant was sent to El Salvador to analyse technical problems and made a report to UNCTAD recommending solutions.

Problems encountered:

El Salvador reported problems with the database, which were fixed during 2001. It also made some enhancement requests, which will be integrated into a future version of DMFAS.

Planned activities:

ETHIOPIA

DMFAS start date: 1988

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

Language: English

Location: Ministry of Economy, Finance, Budget and Privatization

Environment: Single-user platform

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

If no activities in 2001, last activity:

An installation mission took place in 1998.

Problems encountered:

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

Planned activities:

The Government has prepared a project proposal for further DMFAS activities. This proposal was discussed bilaterally by the representatives of the Dutch and the Ethiopian Governments during the DMFAS Advisory Group meeting in June 2001. The main activity of the project will be the reinstallation of and retraining in version 5.2.

GABON

DMFAS start date: 2001

DMFAS installation:
- Current installation: 5.2 (September 2001)
- Previous installation:

Language: French

Location: Ministry of Economy, Finance Budget and Privatization

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

Current project status: Active

Activities in 2001:

- In March, a needs assessment mission visited Libreville at the request of the Ministry of Economy, Finance, Budget and Privatization in order to prepare a project document. The objective of the project was to install DMFAS and DSM+ at the Ministry.
- DMFAS 5.2 was installed in September and a two-week mission followed in the same month to train users.
- The debt database was fully completed during the last quarter of 2001 by the debt managers.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

A training mission on DSM+ is scheduled for April 2002.

GEORGIA

DMFAS start date: 1998

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

Language: English

Location: Ministry of Finance

Environment: Local area network (Windows NT)

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 2001:

- A mission took place in September to provide advanced training in the use of DSM+.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

GUATEMALA

DMFAS start date: 1988

DMFAS installation:
- Current installation: 5.2 (October 2001)
- Previous installation: 5.1.2 (1999)

Language: Spanish

Location: Ministry of Finance, Central Bank

Environment: Local area network (UNIX)

Link with other system: Link with integrated financial management system SIAF-SAG

Future system developments:

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 2001:

- DMFAS 5.2 was installed in the Ministry of Finance in October.
- The link to the SIAF-SAG, developed by the SIAF project of Guatemala, was validated.
- A DSM+ workshop on debt sustainability took place in the Ministry of Finance in October.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

GUINEA-BISSAU

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 2001:

If no activities in 2001, last 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:

Owing to armed conflict in the country, the equipment had to be replaced. The new equipment was purchased in 2000, however, because of financial problems, the network was not installed. UNCTAD had to postpone its installation mission three times.

Planned activities:

- A DMFAS 5.2 installation mission is scheduled for the first semester of 2002.
- A three-week mission to provide training in the use of DMFAS 5.2 will follow the installation mission.

HAITI

DMFAS start date: 1985

DMFAS installation:

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

Language: French

Location: Central Bank

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

Installation of DMFAS 5.2 during the second half of 2002, either by the institution itself or by a DMFAS installation mission.

HONDURAS

DMFAS start date: 1988

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

Language: Spanish

Location: Ministry of Finance* and Central Bank

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

There are plans to integrate DMFAS with an integrated financial administration system that 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, which is seeking funds to implement it.

Current project status: Closed (December 2000)

Activities in 2001:

In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

INDONESIA

DMFAS start date: 1988

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

Language: English

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

Within the framework of the UNCTAD debt management project at the Ministry of Finance, financed by the Australian Agency for International Development (AusAID), the DMFAS programme undertook two missions to Jakarta:

- A DMFAS training mission in February/March, which also reviewed and tested the converted debt database for which a complicated data conversion exercise was completed in Geneva beforehand (this was the second such mission).
- An advanced DMFAS training mission in August/September, which also sought to consolidate the activities of previous missions.
- In December, country officials attended UNCTAD's Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

Further implementation of project activities in 2002, including another training mission, an evaluation of the institutional aspects of debt management within the Ministry of Finance and a tripartite project evaluation mission.

DMFAS start date: 1997

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

Language: English

Location: Central Bank

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Note:

The Central Bank (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 2001:

- UNCTAD received a delegation from the Islamic Republic of Iran in Geneva, April–May. The purpose of this visit was to finalize Iranian specific reports, which would be added to the DMFAS system. For the rest of 2001 the Central Bank's IT experts undertook a distance-training course provided by the DMFAS programme in the development of FODOC reports.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

During 2002 it is expected that FODOC will be put into full operational use.

JORDAN

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 2001:

In December, the national IT staff installed the DMFAS euro conversion software and successfully performed the conversion.

Problems encountered:

Planned activities:
Study tours.

KAZAKHSTAN

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)

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 2001:

If no activites in 2001, last activity:

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

Problems encountered:

Planned activities:

An Installation/training mission for DMFAS 5.2 is scheduled.

LEBANON

DMFAS start date: 1993

DMFAS installation:
- Current installation: 5.2 (June 2001)
- Previous installation: 5.1 (1998)

Language: English

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

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Data replication between the three institutions through a wide area network is being considered.

Note:

An official 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 2001:

- Installation of DMFAS 5.2 by local staff.
- A country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference in December, Geneva.

Problems encountered:

Planned activities:

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 2001:

In December, a country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

A small follow-up project is being negotiated in order to include some Lithuania-specific penalty interest calculations in the DMFAS. This project will be funded from the Government's own budget.

MADAGASCAR

DMFAS start date: 2001

DMFAS installation:
- Current installation: 5.2 (May 2001)
- Previous installation:

Language: French

Location: Central Bank

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- A one-week mission to Antananarivo was made in November by the DMFAS central team to finalize the project document with Government officials and UNDP.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Planned activities:

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

MAURITANIA

DMFAS start date: 1995

DMFAS installation:
- Current installation: 5.2 (August 2001)
- Previous installation: 5.1.2 (1999)

Language: French

Location: Ministry of Finance (Foreign Debt Department)

Environment: Local area network (Novell Netware)

Link with other system: No

Future system developments:

Current project status: Closed (end 2001)

Activities in 2001:

- 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 period for DMFAS users, which was devoted to Paris Club operations, took place in June.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

MONGOLIA

DMFAS start date: 2001

DMFAS installation:
- Current installation: 5.2 (September 2001)
- Previous installation:

Language: English

Location: Ministry of Finance

Environment: Local area network (Novell 5)

Link with other system: No

Future system developments: A link with other institutions is planned.

Current project status: Active

Activities in 2001:

- An installation mission for DMFAS 5.2.1 was sent in September and technical training was given to Mongolian IT staff.
- A resident adviser was posted in Ulaanbaatar for a period of three months from mid-September to mid-November. His terms of reference were to teach entry of data into DMFAS and to assist with the initial phase of loading the loan agreements into the database.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

- The resident adviser will again be posted to Ulaanbaatar for a period of two months in 2002. His terms of reference will be to train Mongolian officials in report generation with the system;
- A workshop is planned for 2002 on the legal aspects of debt management. This workshop will be delivered in cooperation between UNITAR and UNCTAD.

DMFAS start date: 1988

DMFAS installation:

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

Language: Spanish

Location: Ministry of Finance and Central Bank

Environment: Local area network (Windows NT)

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, facilitating its financial management, and its capacity to monitor public debt. 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.

Note:

The Ministry is using DMFAS to manage the domestic debt, while the Central Bank is in charge of managing the country's external debt. The Ministry of Finance also received the Argentine Integrated Financial Administration System as a donation in 1995, and is currently customizing it.

Current project status: Closed

Activities in 2001:

If no activity in 2001, last activity:

Installation of DMFAS 5.2 in the Ministry of Finance and the Central Bank in July 2000.

Problems encountered:

Planned activities:

DMFAS start date: 1985

DMFAS installation:
- Current installation: 5.2 (June 2001)
- Previous installation: 5.1 (1999)

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 more effectively manage the implementation of aid-funded projects. This link is no longer functioning.

Future system developments:

Current project status: Closed

Note:

The project being closed, activities in 2001 were financed by the Government and UNCTAD.

Activities in 2001:

UNCTAD undertook a series of missions to Islamabad during the year:

- In April, a one-week mission took place to re-establish technical cooperation between UNCTAD and the Ministry of Finance.
- In June, UNCTAD sent a training mission to further train officials in DMFAS 5.1 and to help the Ministry of Finance prepare for the installation of version 5.2
- The newer version was installed by local technical staff in June, with technical assistance from Geneva.
- A DMFAS 5.2/data validation mission was undertaken in August/September in conjunction with an introductory DSM+ mission.

Problems encountered:

Planned activities:

Finalization of the elaboration of a new debt management project involving UNCTAD and the Government of Pakistan.

PALESTINIAN AUTHORITY

DMFAS start date: 2000

DMFAS installation:
- Current installation: 5.2 (November 2001)
- Previous installation:

Language: English

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- A debt expert was hired for three weeks in February to work on the terms of reference for the Palestinian debt office. Owing to the security situation he could not visit Gaza.
- The DMFAS system was installed in the Ministry of Finance in Gaza by DMFAS central staff in November 2001.
- A DMFAS expert was hired in December 2001, his terms of reference being to go to Gaza and provide basic training in the use of the system. However, owing to the security situation, he was unfortunately retained in Cairo for the rest of 2001. (He was eventually able to go to Gaza in early January 2002 and began the data entry, which progressed very well. By the time he was evacuated from Gaza on 4 March 2002 the database was almost complete.)
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Owing to the security situation, the project was on hold until December 2001.

Planned activities:

As soon as the security situation permits, work in the Palestinian Ministry of Finance will continue.

PANAMA

DMFAS start date: 1996

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

Language: Spanish

Location: Ministry of Economy and Finance

Environment: Local area network (Novell)

Link with other system: In 1998 the Ministry between DMFAS and the Panamanian Integrated Financial Administration System (SIAFPA) established a link. 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 2001:

- Panama seconded one staff member to provide training in the use of DMFAS 5.0 to the Central Bank of Costa Rica.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference in December in Geneva.

Problems encountered:

Planned activities:

- Initiation of 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

DMFAS start date: 1995

DMFAS installation:
- Current installation: 5.2 (September 2000)
- Previous installation: 5.1 (1999)

Language: Spanish

Location: Ministry of Finance (connected to the Central Bank)

Environment: Wide area network (Unix)

Link with other system: In 1996, DMFAS was linked to the metropolitan network of the public sector, a wide area network using fibre-optic cables. Several public institutions use various computer systems on the network and 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 2001:

- A country official visited Geneva to participate in a workshop and to receive training in DMFAS structures and definitions in order to develop integration with the SIIF.
- A workshop on the formulation of debt strategies using DSM+ took place in April.

Problems encountered:

Planned activities:

- Integration with the integrated financial management system (SIIF);
- Installation of DMFAS 5.2.1 and training in its use;
- Project evaluation.

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 2001:

If no activity in 2001, last activity:

In 2000, an independent consultant undertook an evaluation mission to the Ministry of Economics and Finance.

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 (MEF) into DMFAS 5.1. This version was supposed to be implemented in May 1999, however, the Peruvian project coordinators left MEF in December 1998 and February 1999 respectively. After that date, UNCTAD received no further communication from MEF and was later informed that it had abandoned DMFAS. UNCTAD sent various communications, which remained unanswered, and UNCTAD also sent an independent consultant to evaluate the project in August 2000. The evaluation mission concluded that the factors described below 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 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 the lack of commitment to the project by the management, especially the Direction of the Public Debt Department. Despite UNCTAD´s repeated warnings, MEF did not assign regular staff of the Public Debt Department to the project. Most of the project activities were carried out 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.

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 DMFAS, represented $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 2001:

In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

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.
- In a separate development, the Central Bank is assessing the relevance of installing DMFAS in its International Operations Department.

REPUBLIC OF MOLDOVA

DMFAS start date: 1997

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

Language: Russian* and English**

Location: Ministry of Finance* and Central Bank**

Environment: Local area network (Novell)

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 2001:

A technical backstopping mission carried out replication in October.

Problems encountered:

Difficulties were encountered in the transfer of the supporting platform from UNIX to Novell.

Planned activities:

Preparation of the project document for DSM+ training.

ROMANIA

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 in integrating DMFAS with an 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 2001:

In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

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 possibly risk management (at the Central Bank).

RWANDA

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: (Windows NT in the Ministry of Finance), single-user installation (National Bank)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- In November, a training mission in the use of DSM+ was undertaken for both institutions.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

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:

SAO TOME AND PRINCIPE

DMFAS start date: 1997

DMFAS installation:
- Current installation: 5.0 (1997)

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 2001:

If no activity in 2001, last activity:

During the period 1998–1999, two missions took place in order to provide advanced training in 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:

SENEGAL

DMFAS start date: 1997

DMFAS installation:
- Current installation: 5.0 (January 1997)
- Previous installation:

Language: French

Location: Ministry of Finance

Environment: Local area network (Novell)

Link with other system: No

Future system developments:

Current project status: Closed

Note:

Switzerland closed the project.

Activities in 2001:

In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

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

Planned activities:

Since the Senegalese Authorities seem to be ready to restart the project, a new project document will be submitted to them in 2002.

SUDAN

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 (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- A mission took place in February to install DMFAS 5.2 and train the Bank of Sudan staff in its use. It also took the opportunity to train the IT staff of the Bank in database administration.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

SYRIAN ARAB REPUBLIC

DMFAS start date: 2001

DMFAS installation:
- Current installation:
- Previous installation:

Language: English

Location: Central Bank

Environment: Local area network (Novell 5)

Link with other system: No

Future system developments: A link with the Ministry of Finance is planned.

Current project status: Active

Activities in 2001:
- The purchase of a server for the Central Bank was initiated. This activity is handled by UNDP Damascus.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

As soon as the server is in place, UNCTAD will send a mission to install DMFAS 5.2.1 and provide corresponding technical and end-user training. Thereafter, a resident adviser will be recruited for a period of two months to follow up on the initial phase of the data entry process.

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA

DMFAS start date: 1999

DMFAS installation: None
- 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 2001:

If no activity in 2001, last activity:

An installation and training mission took place 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.

TOGO

DMFAS start date: 1984

DMFAS installation:
- Current installation: 5.2 (February 2001)
- Previous installation: 4.1 Plus (1986)

Language: French

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future developments: The integration of the DMFAS with the Government's financial administration system (RIADEF) is under consideration.

Note:

The project, which was to expire in December 2001, was extended for an additional year because of the delay caused by the transfer of debt management from FNADP to the Ministry of Finance.

Current project status: Active

Activities in 2001:

- Equipment was installed in the new debt office of the Ministry of Finance.
- A country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in December, Geneva.

Problems encountered:

The transfer of debt management from FNADP to the Ministry of Finance caused a delay in undertaking activities.

Planned activities:

- Review of database;
- Training missions in DSM+, in rescheduling techniques, HIPC debt relief specificities and operational debt management.

TRINIDAD AND TOBAGO

DMFAS start date: 1985

DMFAS installation:
- Current installation: 5.1 (June 1999)
- Previous installation: 4.1 Plus (1994)

Language: English

Location: Central Bank

Environment: Single-user platform

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

If no activity in 2001, last activity:

An implementation mission of DMFAS version 5.1 took place in June 1999.

Problems encountered:

Planned activities:

At the request of the Ministry of Finance a new project proposal was prepared in March 2001 for the installation of DMFAS 5.2. It is expected that the project document will be signed, and that the project will begin, in 2002.

TURKMENISTAN

DMFAS start date: 2001

DMFAS installation:
- Current installation: 5.2 (June 2001)
- Previous installation:

Language: Russian

Location: Central Bank

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- An installation/training mission took place in June. Two separate databases (for assets and liabilities) were created.
- The resident adviser, hired by the World Bank, continued advanced training on DMFAS features after the departure of the mission.

Planned activities:

Training on DSM+ in June 2002.

UGANDA

DMFAS start date: 1985

DMFAS installation:
- Current installation: 5.1.1 (July 1999) and 5.0*
- Previous installation: 5.1 (1998)

Language: English

Location: Bank of Uganda and Ministry of Finance*

Environment: Local area network

Link with other system: No

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

Current project status: Closed

Activities in 2001:

- The Bank of Uganda received a copy of DMFAS 5.2, but UNCTAD has received no information about the installation and the operational status of the system.
- Staff from both the Bank of Uganda and the Ministry of Finance participated in a workshop in Lusaka in October at which technical training and end-user training were provided.
- A country delegate participated in UNCTAD's Third Inter-regional Debt Management Conference in December, in December, Geneva.

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. This is currently under negotiation;
- Representatives of the Government of Uganda will participate in a joint MEFMI/UNCTAD workshop on DMFAS reporting to be held in Kampala in October 2002.

UKRAINE

DMFAS start date: 1995

DMFAS installation:
- Current installation: 5.0 (November 1996)
- Previous installation: 4.1 Plus (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 2001:

If no activity in 2001, last activity:

Installation and training mission in 1996

Problems encountered:

Ukraine stopped using DMFAS, since it developed its own local system.

Planned activities:

UZBEKISTAN

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 2001:

If no activity in 2001, last activity:

An installation and training mission took place in 1998.

Problems encountered:

Planned activities:

VENEZUELA

DMFAS start date: 1998

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

Language: Spanish

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: Closed

Activities in 2001:

If no activity in 2001, last activity:

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. An UNCTAD Chief Technical Adviser was incorporated into the Public Finance Department for 2 years until the end of 2000.

Problems encountered:

High rotation of staff. Since a large part of the project (database) was developed by contractors, 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 DMFAS with the Ministry's financial administration system (SIGECOF).
- A training curriculum has been submitted to the Ministry of Finance, suggesting the organization of several workshops on DSM+, data validation and the preparation of a statistical bulletin.

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 (Windows NT)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

- In May/June, a mission took place to assist the Bank's local technical staff in re-installing DMFAS 5.2 and to further train officials of both institutions in the advanced features of the system. The mission also continued to provide guidance to the Bank's External Debt Management Division so as to improve the Banks monitoring procedures of Viet Nam's enterprises external debt.
- A preparatory mission was sent to Hanoi in June to review and plan for a baseline study and the development of a monitoring and evaluation system to be used during and after the implementation of the three-year project described below.
- In December, a country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in Geneva.

Problems encountered:

Planned activities:

- A new comprehensive project – "VIE/01/010 Capacity Development for Effective and Sustainable External Debt Management" – will start in 2002. 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.
- In the preparatory phases of this project, UNCTAD will undertake a second STS mission of three months at the beginning of 2002 to develop the monitoring and evaluation system, which includes a baseline study and the elaboration of a performance standard and indicators measuring system.

DMFAS start date: 1999

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

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 mid-1998 with DMFAS training in Geneva of the debt management adviser.

Current project status: Active

Activities in 2001:

If no activities in 2001, last activity:

In 2000, a technical workshop for the Central Bank IT staff took place in Geneva. Its purpose was to train the staff in the installation and upgrading of DMFAS.

Problems encountered:

Planned activities:

- Creation of a link with the Ministry of Finance and updating of the DMFAS system to version 5.2;
- Installation of DMFAS in the Ministry of Finance and the Ministry of Planning and Development.

ZAMBIA

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 (Windows 2000)

Link with other system: No

Future system developments:

Current project status: Active

Activities in 2001:

A country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in December, Geneva.

Problems encountered:

Planned activities:

Representatives of the Government of Zambia will participate in a joint MEFMI/UNCTAD workshop on DMFAS reporting to be held in Kampala in October 2002.

ZIMBABWE FACT FILE

DMFAS start date: 1986

DMFAS installation:
- Current installation: 5.2 (November 2000)
- Previous installation: 5.1 (1999)

Language: English

Location: Ministry of Finance, Ministry of 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 2001:

A country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference, in December, Geneva

Problems encountered:

Planned activities:

Representatives of the Government of Zimbabwe will participate in a joint MEFMI/UNCTAD workshop on DMFAS reporting to be held in Kampala in October 2002.