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THE DEBT MANAGEMENT–DMFAS PROGRAMME



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THE DEBT MANAGEMENT–DMFAS PROGRAMME

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1. INTRODUCTION

UNCTAD's Debt Management–DMFAS Programme aims to help developing countries and countries with economies in transition build their capacity to manage debt effectively. By working directly with countries and with international and regional organizations involved in debt, the Programme tries to identify best debt management practices and then helps countries build the capacity to adopt them. Best practices are shared with countries through international and regional conferences and seminars and through country-specific technical cooperation projects.

Technical cooperation project activities cover the installation of the Programme's specialized debt management software, the Debt Management Financial and Analysis System (DMFAS), as well as training and assistance in its effective use. In particular, the system enables debt officers to establish a complete and up-to-date debt database and to provide timely and accurate debt statistics. Project activities also cover maintenance and system support, advice on institutional and procedural issues, participation of government officials in DMFAS training seminars in Geneva (or at a regional location), study tours for government officials to other DMFAS user countries, and assistance in debt analysis and in the development of debt management strategies. An important feature of the DMFAS software is its interface with the World Bank's Debt Sustainability Model Plus (DSM+), an analytical tool designed to assist country officials in formulating a debt strategy – incorporating debt relief or new borrowing alternatives – that is both cost effective and sustainable, and consistent with long-term macroeconomic policies.

At the end of December 2003, the Programme had projects with 62 low- and middle-income countries, including 88 institutions, and projects with three new institutions about to start. The debt stock of these countries accounts for more than \$500 billion of outstanding public and public guaranteed long-term debt, an amount that represents approximately 40% of the total long-term debt of all developing countries.¹

The Programme's role in helping countries strengthen their debt management can be seen against the background of UN resolutions on debt, the Millennium Development Goals and the Monterrey Consensus, which highlight the importance of international cooperation in dealing with debt issues. It is worth noting that in December 2003, the United Nations General Assembly reinforced its existing resolution on debt and, in its resolution 58/203, invited *UNCTAD, IMF and the World Bank, in cooperation with the regional banks, regional commissions and multilateral institutions, to study the possibility of creating a consultative group on external debt management aimed at developing best practices and strengthening the institutional capacity of developing countries in debt management, taking into account work that has already been done* (para. 17).

The present report reviews the activities undertaken by the Debt Management–DMFAS Programme in 2003. The year was particularly successful for the Programme, which saw an exceptional international debt management conference in November and the finalization of a significantly improved edition of its software, DMFAS version 5.3. The latter includes a new bonds module, new functionalities for reporting and producing statistics, new security features, and a revised classification and coding system for debt instruments – a revision that greatly simplifies compliance with international standards for the production of debt statistics.

The activities and the funding of the Programme are reviewed annually by the DMFAS Advisory Group, which is composed of technical representatives of interested UNCTAD member States, including donors and beneficiaries, as well as the UNCTAD secretariat. More detailed information about the Programme and activities in each of its client countries can be found in the Annex.

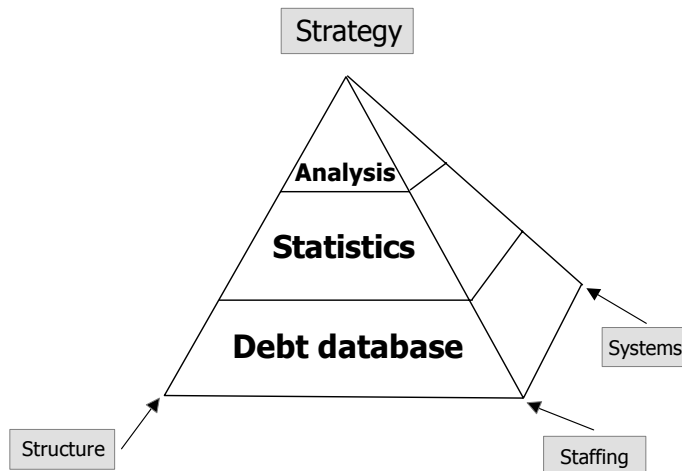
¹ *Global Development Finance*, World Bank, 2002

2. DMFAS COUNTRY ACTIVITIES

Capacity building in debt management

The role of the Programme has always been to provide debt offices with a standard system. Implementation of the system in the country, however, is specific to each country project and is part of how the Programme helps countries build their capacity in debt management (see box 1).

Box 1. Debt management capacity building



Capacity building in debt management can be compared with the construction of a “pyramid”. As depicted in the above diagram, there are three visible corners at the base, namely *Structure*, *Staffing* and *Systems*. These are the cornerstones for capacity building. At the top of the pyramid is *Strategy*.

In order to develop a debt strategy, one has first to establish a “Debt database”, produce relevant ‘Statistics’ and, finally, undertake relevant ‘Analysis’. These three layers are the building blocks towards strategy and policy-making.

Building capacity in sovereign debt management can take several years, and country situations vary widely. They are shaped by the type of financing available to the Government (i.e. bilateral and multilateral official loans, private loans, capital markets, financial derivatives), the exchange rate regime, the quality of macroeconomic and regulatory policies, the overall institutional capacity, the country’s credit standing and its objectives for public debt management. Thus, there cannot be a set of binding practices or mandatory standards or codes. It is important to underline that the pyramid can be built in different ways. However, it will need the referred-to cornerstones and building blocks.

Number of user countries and institutions

An overview of the status of DMFAS country project implementation is provided in Annex table 1. At the end of 2003, the Debt Management–DMFAS Programme was collaborating with 62 countries. Over the next three years, it is expected that there will be approximately three new countries joining the Programme each year.

The total number of new user institutions within the existing countries is also expected to increase by two or three new institutions annually.

The Programme currently manages a portfolio of around 40 active projects. In addition to projects for new institutions, follow-up projects are also being prepared for a large number of current user institutions/countries (including the Central African Republic, Costa Rica, El Salvador, Ethiopia, Guatemala, Honduras, Mauritania, Nicaragua, Pakistan, Paraguay, Romania, Rwanda and Sao Tome and Principe).

Furthermore, the Programme has continued to receive requests from non-traditional clients, such as local governments (provinces and municipalities). In Argentina, the central government has already implemented the system in a number of provinces and has provided training and support under the guidance of the Programme.

Location of debt management offices

In 2003, five additional institutions adopted the DMFAS software: two are located in new client countries, namely Chile (Central Bank) and the Republic of the Congo (Ministry of Finance); and three are located in current client countries, namely the Dominican Republic (Ministry of Finance), Indonesia (Central Bank) and Trinidad and Tobago (Ministry of Finance).

At the end of 2003, the DMFAS software was installed, or was soon to be installed, in debt offices in 91 institutions in 62 countries. These offices are usually found in the ministry of finance or the central bank (or in some cases the ministry of planning, local government, or an export-import bank). They are in 31 low-income countries, 22 lower-middle-income countries and 9 upper-middle-income countries. The matrix below provides the location breakdown of DMFAS installations according to country income group and institution type.

Institution	Low-income	Lower-middle-income	Upper-middle-income	High-income	Total
Central bank	16	12	4	–	32
Finance Ministry	27	17	7	–	51
Other	1	2	5	–	8
Total	44	31	16	–	91

Source: World Development Indicators database, World Bank (July 2002)²

The exact location of the debt office within the institution itself often varies. In central banks, for example, the debt office can be situated in the Balance-of-Payments/Statistics Division (Egypt, Romania) or in the International Department (Dominican Republic). In ministries of finance, the debt office is usually part of the Public Debt or Credit Department, but can also be part of the Treasury Department (Philippines), the External Relations Division (Bangladesh) or the Budget Administration Division (Indonesia). In certain cases it is located in the Accountant General's Office (Zimbabwe). The mandate of each debt office can therefore differ from one office to another according to its organizational location.

² Economies are divided among income groups according to 2001 gross national income (GNI) per capita, calculated using the World Bank Atlas method. The groups are: low income, \$745 or less; lower middle income, \$746–2,975; upper middle income, \$2,976–9,205; and high income, \$9,206 or more.

Similarly, different institutional combinations can be found with regard to debt recording: sometimes this takes place in both the ministry of finance and the central bank, with each having different database access rights for this purpose. In other installations, one of the two institutions may only have reading access (i.e. no recording).

In 21 countries, the system is set up in both the ministry of finance and the central bank, and the number of countries where these two institutions are electronically linked through the DMFAS (on a wide area network) is increasing. See tables 1 and 2.

Operational status of DMFAS implementation

Table 2 provides an overview of the operational status of DMFAS installations around the world. As can be seen, the current DMFAS version (5.2) is now installed in 76 of the institutions and in 50 DMFAS user countries. Three institutions are still using DMFAS version 4.1 Plus (Central African Republic, Egypt and Ethiopia), but they are expected to convert to a later version of DMFAS in 2004.

At the end of 2003, DMFAS was not operational in nine of the countries in which it was installed. Six of these countries were experiencing operational difficulties due to institutional, staffing, political or technical problems (Central African Republic, Guinea-Bissau, Kazakhstan, Sao Tome and Principe, Senegal and Uzbekistan). Three others were using their own system (Colombia, Peru and Ukraine).

As can be seen from the table, the Programme attempts to monitor the extent to which the system is being used by the institutions concerned. The following stages have been differentiated:

- Stage 0** System installed, but not used
- Stage 1** Database regularly kept up to date and validated
- Stage 2** System used for monitoring and internal reporting
- Stage 3** System used for the publication of statistical bulletins and/or other periodical publications
- Stage 4** Staff have received (basic or advanced) training in the use of DSM+ for debt analysis

These stages correspond to the various levels of the pyramid concept outlined in box 1 and its three broad categories – debt data, debt statistics and analysis.

The performance indicators related to the use of the system have to be integrated into a broader framework in order to evaluate the overall performance or capacity of an institution and/or country in the area of debt management. One should therefore also look at the structure and staffing of the debt offices, as well as other relevant elements, for example the existence and regular meeting of a debt strategy committee.

Integrated financial management systems and DMFAS

The trend for countries to link DMFAS with their own integrated financial management systems (IFMS) is expected to continue. One of the most important features here is the support that the Programme can provide on the operational level of debt management (mainly to debt offices located in ministries of finance). By facilitating the automated preparation of payment orders and disbursement operations, the system allows for transparency in the servicing of debt obligations and in the execution of the budget. Through electronic links covering the full cycle of the debt service operation, DMFAS helps to ensure the safe flow of operations through cash management in the treasury module, execution of the budget in the budget module and registration of transactions in the accounting module. This process eliminates manual handling during the operational process of repaying public debt, which has always been one of the key areas of risk.

DMFAS user countries building or planning to build integrated systems are chiefly located in Latin America, namely Argentina, Bolivia, the Dominican Republic, Ecuador, Guatemala, Honduras, Nicaragua, Panama, Paraguay and Venezuela. Concerning the building of such systems, the Debt Management–DMFAS Programme focuses mainly on providing advisory services to the national teams through workshops or by providing technical assistance in building and maintaining the relevant links.

Scope of country projects

DMFAS country projects encompass a wide range of activities beyond installation of the DMFAS software and training in its use. Most projects assist Governments in the development of appropriate legal, administrative, technical and organizational environments in which the system operates. Other areas of assistance may include database building, the defining of external borrowing strategies, the establishing of appropriate communication and information flows, financing techniques, credit analysis and debt renegotiation. The Programme also organizes workshops and study tours, and participates in national, regional and training seminars.

Consultants and/or central staff carry out the installation of DMFAS and any relevant training during missions to the country institution. In certain projects, advisers are fielded for longer periods to provide continued on-site support and debt management advisory services. A list of country project activity missions undertaken during the reporting period is provided in table 3.

3. SYSTEM SUPPORT, MAINTENANCE AND DEVELOPMENT

Improvements to the DMFAS system

Version 5.3

Important efforts were undertaken during the year to finalize the design and development of the new version of DMFAS, 5.3, which was officially released at the end of 2003. It will be installed in a number of institutions during 2004. DMFAS 5.3 will give increased emphasis to capital market instruments through its enhanced bonds module. In addition, it contains new features for reporting and producing statistics, local government debt, revolving credit, and the capitalization of interest, as well as for handling Asian Development Fund loans. It also features a revised classification and coding system for debt instruments – a revision that greatly simplifies compliance with international standards for the production of debt statistics. DMFAS 5.3 was successfully tested in Geneva on a simulated database in November 2003, allowing the Programme’s technical team to go ahead with its testing on a real debt database (Ministry of Finance, Argentina) one month later. This ‘beta testing’ allowed the Programme to ensure that all functions were working correctly, to discover eventual errors and to receive final improvement suggestions by the users themselves.

As with all versions of the software, DMFAS 5.3 will exist in English, French and Spanish. However, for the first time, it will also exist in Arabic. Both the English and Spanish versions were completed by December 2003. The Arabic and French versions were to be completed during the first semester of 2004. A Russian version of DMFAS 5.2 is also being worked on.

Version 6.0

A long-term objective of the Programme is the development of a completely redesigned version of the DMFAS system that is also web-enabled. To be called DMFAS 6.0, its development will begin after the release of DMFAS 5.3. The Programme plans to undertake a survey soon on user requirements for version 6.0, which will be followed by a feasibility study in order to evaluate the human and financial resources needed for its development.

Support, maintenance and distribution of the DMFAS system

The DMFAS system is continually being adapted and perfected to respond to client needs. In March, a maintenance version of DMFAS 5.2 was released, incorporating bug fixes and many enhancements. This maintenance upgrade also facilitates conversion to the new version of DMFAS, 5.3.

Keeping track of all the technical details pertaining to the different versions of the system installed in each country/region is a major challenge for the Programme. In 2003, the DMFAS Helpdesk resolved this difficulty by introducing new procedures for systematically recording each new installation detail. Assistance and advice on functional and technical issues related to the system are provided by the DMFAS helpdesk.

The DMFAS system is distributed to new and current users through missions to client institutions, through remote access support from Geneva, and through self-service installations.

4. DEBT STATISTICS AND ANALYSIS

Capacity building in statistics and analysis

In order to ultimately strengthen the analytical capacity of debt management offices, the Programme is intensifying its support to countries in the areas of debt statistics and analysis. For example and as already mentioned, DMFAS 5.3 contains a new coding system and reporting facilities for producing statistics that greatly simplifies compliance with international standards for the production of debt statistics.

Also, in May, the Debt Management–DMFAS Programme officially became co-owner of the World Bank’s Debt Sustainability Model, the DSM+. This software is one of the few tools available today for the development of debt strategies and for conducting debt sustainability analysis. The new co-ownership agreement amends the original Partnership Agreement signed between UNCTAD, the World Bank and the Commonwealth Secretariat in 1998, and it strengthens the Programme’s position concerning development of the tool.

In 2003, the Programme undertook country-specific training missions in debt strategy formulation and debt sustainability analysis, using DSM+, to Angola, Jordan, Panama and Yemen. In addition, it participated in the elaboration of future DSM+ training activities in Indonesia, Pakistan, Panama and Viet Nam. In June, a regional workshop on the development of debt strategies and debt sustainability analysis, using DSM+, was co-organized in Lesotho by the Commonwealth Secretariat, MEFMI, UNCTAD and the World Bank.

During the year, the Programme also worked on the development of new training modules in debt statistics preparation, debt portfolio analysis, debt strategy formulation and debt sustainability analysis. These modules will be delivered through national as well as regional workshops.

Each country’s training needs in statistics and analysis are evaluated on a case-by-case basis, and the planning of training missions depends on the country’s needs and demand. If an initial evaluation determines that there is a need to strengthen basic statistical and analytical skills, the country will receive training in issues related to debt data classifications; stocks and flows concepts; preparation of statistical reports and debt portfolio review. Once the technical knowledge on basic analytical skills has been improved, training can be undertaken on the formulation of debt strategies and development of debt scenarios that are sustainable in the long term.

During the year, the Programme participated in the enhancement of the current version of DSM+ and is supporting the development and testing of the new version. It made recommendations for improvements based on its country experiences. In line with the new features for recording domestic debt in DMFAS, for example, new features to reflect information on domestic debt were also developed in DSM+. For this, changes in various screens and report formats in the DSM+ were necessary.

A new feature for the incorporation of general budget/fiscal information into the DSM+ is also being developed, with the assistance of the Programme. This new feature will help calculate internal financial requirements as well as fiscal gaps. Furthermore, it will greatly improve the use of DSM+ in the decision-making process for alternate sources of financing and also facilitate fiscal sustainability analysis.

The Programme worked on the following DSM+ training documentation during the year:

- DSM+ User Guide and Training Guide;
- New DSM+ Reference Manual in English, to include contributions from staff of the World Bank;
- A "Case Study" for training in the preparation of debt strategies (English, French and Spanish);
- DSM+ training PowerPoint presentations;
- Training material on the relationship between debt and macro economic indicators.

Discussions also got under way on re-evaluating the needs of debt offices in the area of debt analysis and on studying the requirements for a new debt analysis software package.

Other collaboration with the World Bank

In addition to its collaboration with the World Bank regarding DSM+ and debt analysis, the Programme interacts with the Bank in many other areas. For example, it helps countries provide information to the Bank's Debtor Reporting System (DRS). It does this by helping them compile debt statistics using one of the features of DMFAS in its electronic reporting. The Debt Management–DMFAS Programme also collaborates closely with the World Bank Treasury Department's Debt Management Group and is exploring the idea of building an interface between DMFAS and the risk management training tool developed by this Group.

The Programme also collaborates with World Bank country operations and with the country management officers for the provision of financing for country projects. DMFAS country projects currently being financed by the World Bank include Bolivia, the Republic of the Congo, Djibouti, Guatemala, the Islamic Republic of Iran, Kazakhstan, Mongolia and the Syrian Arab Republic.

In May 2003, a DMFAS central team staff member was detached to the World Bank in Washington, further strengthening the UNCTAD/World Bank partnership.

Inter-Agency Task Force on Finance Statistics

The Debt Management–DMFAS Programme hosted³ the annual meeting of the Inter-Agency Task Force on Finance Statistics in Geneva, from 29 to 30 September. The UNCTAD secretariat, through the Debt Management–DMFAS Programme, is an active member of the Task Force. The other members are the Bank for International Settlements, the Commonwealth Secretariat, the European Central Bank, EUROSTAT, the IMF, the Organization for Economic Co-operation and Development, the Paris Club Secretariat and the World Bank. The Task Force meets on a regular basis to review the definition, statistical coverage and methodology used for international statistical reporting on external indebtedness. The purpose of the meeting in Geneva was to agree on activities of the Task Force over the coming year.

In June 2003, the Task Force co-published an update of the publication "External Debt: Definition, Statistical Coverage and Methodology" (1988), otherwise known as the "Grey Book". The new publication,⁴ called "External Debt Statistics: Guide for Compilers and Users", draws on the broad range of experience of the international agencies making up the Task Force and provides advice on the compilation of external debt and the analytical use of such data. It was distributed to national debt offices by the IMF during 2003, and can also be ordered over the Internet.

³ It was chaired by the IMF.

⁴ It was an IMF-led initiative to update the publication

Other collaboration with the IMF includes the Programme's active participation in IMF-organized seminars on external debt. In general, the Programme gives a presentation on 'the role and organization of a debt office'. In 2003, the Programme participated in such seminars in Brazil (May) and Cameroon (November). Collaboration from the IMF Statistics Department is also being sought for the development of a DMFAS training curriculum in debt statistics.

5. TRAINING

Training of trainers and development of a training curriculum

In addition to the training activities that are carried out within the scope of DMFAS country project activities, the Debt Management–DMFAS Programme aims to train “DMFAS-user trainers” from the user institutions themselves, not only to build their own institution's capacity, but also to disseminate instruction in the use of the system further a field, nationally and regionally.

To ensure trainers provide standardized training in DMFAS in terms of coverage and consistency and according to agreed best practices, the Programme is developing a training curriculum in debt management and producing training materials in targeted areas. During the year, the central team, with its consultants, worked on finalizing a module on debt data validation and also initiated the training module on debt statistics (see Section on Debt Statistics and Analysis).

In addition, attention focused on training local IT support personnel to ensure that they are able to perform day-to-day system maintenance.

Regional training activities

UNCTAD has for some time sought to decentralize its DMFAS training activities to the extent possible. Along these lines, the Debt Management–DMFAS Programme continued its close cooperation with many regional institutions during 2003.

UNCTAD has collaborated closely with the Financial Management Institute of Eastern and Southern Africa (MEFMI) since its conception in the early 1990s. Four of the countries belonging to MEFMI are DMFAS user countries: Angola, Uganda, Zambia and Zimbabwe. One or two workshops or other training activities are co-arranged by the two institutions each year. In July, MEFMI was one of the co-organizers of the already-mentioned regional workshop on the development of debt strategies and debt sustainability analysis, using DSM+, held in Maseru, Lesotho (see section on Debt Statistics and Analysis).

Pôle-Dette⁵ and UNCTAD have also continued the process of extending and formalizing their co-operation. Nine DMFAS user countries are members of Pôle-Dette (Burkina Faso, Central African Republic, Chad, Republic of Congo, Côte d'Ivoire, Gabon, Guinea-Bissau, Senegal and Togo). A technical cooperation agreement between the two institutions has been prepared for signature, but is currently on hold awaiting phase two of the Pôle-Dette project. The project proposal for this second phase foresees closer links between Pôle-Dette and UNCTAD through the creation of a regional DMFAS unit in Yaounde, the launching of a training Programme for debt managers, the organization of further common UNCTAD-Pôle-Dette workshops and seminars and the strengthening of Pôle-Dette's capacities to intervene on issues related to debt recording and management systems. In October, the two institutions co-organized a technical training workshop on DMFAS features, in Brazzaville. It was attended by delegates from 10 of the Pôle-Dette countries.

⁵ Pôle Dette is the technical training unit of the Banque des Etats d'Afrique Centrale (BEAC) and the Banque Centrale des Etats d'Afrique de l'Ouest (BCEAO). It organizes training and capacity-building activities on debt and financial management for Central and West African countries. Sixteen countries benefit from these activities.

Discussions are taking place with the United Nations Development Programme's (UNDP) Sub-Regional Resource Facilities (SURFs) in Addis Ababa, Beirut, Dakar and San Jose in order to explore whether these offices would be prepared to host within their premises small DMFAS "cells" similar to the ones proposed for Pôle-Dette. Also, regional training activities are being planned with some of the SURFs.

Debt Management Conference

UNCTAD held its Fourth Inter-regional Debt Management Conference from 10 to 12 November 2003. This meeting has over the years found its "niche" in the agenda of international meetings on various financial questions pertaining to debt management. It brings together senior decision makers from all member countries of UNCTAD and serves primarily as a forum for exchange of experience between countries with developing economies and economies in transition. This last conference brought together some 300 participants from more than 90 countries as well as from many regional and international organizations, including the IMF, the Paris Club and the World Bank. The main themes discussed were domestic debt, promotion of regional capital markets, recent developments in Paris Club debt restructuring, collective action clauses and sovereign debt restructuring mechanisms, statistics reporting, and institutional arrangements for public debt management. The conference was held back-to-back with the general assembly meeting/conference of the World Association of Debt Management Offices, and the 4th DMFAS Advisory Group meeting (see relevant sections).

The papers submitted to the conference, along with the summaries of the panel discussions, will be published as proceedings of the conference.

6. DOCUMENTATION, PUBLICATIONS AND WEBSITE

The Debt Management–DMFAS Programme provides its user countries and interested parties with regularly updated information and documentation on the Programme, its system and debt management procedures in general. The documents are distributed directly to users, and in many cases made available over the Programme's website.

Documentation and publications

The Programme produced the following documentation during the year:

The DMFAS Programme Annual Report 2002. The Report provides detailed information on the Programme's activities in 2002, including country activities; software development; work in the field of debt statistics and analysis; training; documentation and publications; the World Association of Debt Management Offices; the DMFAS Advisory Group and Trust Fund; and the Programme's financial situation and funding.

Ref.: UNCTAD/GDS/DMFAS/2003/1. Available in English, French and Spanish.

DMFASINFO No 15, 1st Semester 2003. This newsletter updates its readers (DMFAS users, donors, Governments) on the latest and forthcoming activities of the Programme.

Ref.: UNCTAD/GDS/DMFAS/Misc/2003/1. Available in English, French and Spanish.

Proceedings of the Third Inter-regional Debt Management Conference. This publication is a compilation of presentations made by debt management experts and professionals at UNCTAD's Third Inter-regional Debt Management Conference, held in Geneva in December 2001. The conference attempted to address the challenges faced by debt managers as they strive to manage change. Specifically, it set out to analyse recent institutional trends in debt management; discuss the management of sub-national debt; examine the monitoring of private sector debt; discuss the auditing and general guidelines for debt management; and analyse the new requirements for computerized debt and integrated financial management systems.

Ref.: UNCTAD/GDS/DMFAS/3. Available in English (French, Spanish and Russian to follow).

Role and Organization of a Debt Office, DMFAS Programme Technical Paper No 1. This paper examines various models for the role, organization and location of a public debt office; the regulatory framework and institutional memory of debt management; the creation of procedure manuals for inter- and intra-institutional tasks and information flows; and the degree of autonomy that a debt office can and should have.

Ref.: UNCTAD/GDS/DMFAS/2. Already available in Arabic, Chinese, English and Spanish, the French and Russian versions were completed in 2003.

DMFAS 5 - Hardware, Software and Training Requirements. This describes the recommended hardware and software for workstations and servers running versions 5 of DMFAS, as well as recommended training for DMFAS users and database administrators.

Internal ref.: DMFAS/HardwareSoftware/Rev.1. Available in English, French and Spanish.

User documentation. A technical author was hired in July 2003 to work on the user documentation related to DMFAS 5.3.

DMFAS Information Note No. 1. The first issue of the DMFAS Information Note was produced in October. Its purpose is to announce new developments concerning the products and services of the Programme.

Internal ref.: DMFAS/InformationNote/No1. Available in English.

Debt Management–DMFAS Programme, A Brief Description.

This document gives a brief but compact description of the Programme's activities. Available in English.

Internal ref.: DMFAS/BriefDescription/1.

DMFAS Website

Documentation about the Programme, along with news and general information on its products and country activities, was regularly updated on the Programme's website www.unctad.org/dmfas during the year. Summaries of the panel discussions, as well as many of the presentations given at the Debt Management Conference (see above), were made available over the website immediately following the conference. The website also gives links to DMFAS user institutions and to specialized sites in debt management.

7. WORLD ASSOCIATION OF DEBT MANAGEMENT OFFICES (WADMO)

The Debt Management–DMFAS Programme, which serves as secretariat to the World Association of Debt Management Offices (WADMO), shared information on debt management with WADMO members throughout the year via regular correspondence and via the WADMO website www.wadmo.net. A links section to the latter was developed in 2003 to attract visitors to specialized sites on debt management as well as to noteworthy publications.

The Programme also organized WADMO's Steering Committee meeting, on 11 and 13 November, as well as its General Assembly/Conference, on 12 November. The General Assembly/Conference addressed the future activities and funding of the Association and organized an expert panel discussion on the implications of Basel II on developing countries. The two meetings were held back-to-back with UNCTAD's 4th Inter-regional Debt Management Conference and the DMFAS Advisory Group meeting, in Geneva. The summary of the expert-panel discussion, as well as copies of the presentations made, were posted on the WADMO website. During the General Assembly, the election of the Steering Committee took place, and the Treasurer of the Philippines was re-elected President of the Association.

The WADMO secretariat also implemented the decision of its General Assembly to start collecting membership fees in 2003. As a result, at the end of December 2003, out of the 43 members of the association, eleven had paid their membership fees.

8. DMFAS ADVISORY GROUP AND TRUST FUND

The fourth meeting of the DMFAS Advisory Group took place in Geneva on 13 and 14 November, following UNCTAD's fourth Debt Management Conference. Participants included delegations from country debt offices from all parts of the world, as well as regional and international organizations and bilateral donors. The purpose of this meeting was to review the Debt Management–DMFAS Programme's past activities, to discuss its future direction and its financial sustainability.

Two reports were distributed and presented: the Annual Report 2002 and an Interim Report on the Programme's activities from January to October 2003. Most major activities were covered, such as country activities, system development, maintenance and support, and capacity building. Other agenda items included a presentation on debt statistics by the IMF (via videoconference); a presentation on public debt management guidelines and issues by the World Bank; presentations on the future direction of the Debt Management–DMFAS Programme by both the donors and the user countries, as well as a discussion on the same topic; a session on the financial sustainability of the Programme; and a discussion on the terms of reference for the mid-term review of the DMFAS Trust Fund.

User countries, donors and international and regional organizations expressed their satisfaction in general with the Programme's technical cooperation activities. More specifically, several user countries conveyed their satisfaction with the new features of the next software release, DMFAS 5.3.

The donors' representatives expressed a common concern about the need for greater coordination amongst international and regional institutions involved in the area of debt management. It was agreed that the creation of a consultative group that would bring these institutions together on a regular basis and provide a necessary forum for greater coordination was desirable. Steps would be taken to develop the idea further and continue the discussion on the possible creation of such a group.

Furthermore, donors emphasized the great importance that they attached to the issue of cost sharing. In this regard, the Programme was able to present a very positive picture of 2003, with many user institutions having paid their annual maintenance fees and new user institutions having paid the development contribution (see cost-sharing in Section 9). Donors clearly recognized this positive development as an indicator that users see the Programme as useful and the DMFAS software as a practical and necessary tool. Further efforts in this direction were encouraged.

While also encouraging further regionalization of activities and the widening of the Programme's donor base, various donors expressed their satisfaction with the overall management of the Programme and renewed their commitment to continue supporting it throughout the following biennium (2004-2005).

9. FINANCIAL SITUATION AND FUNDING

Table 3 provides an overview of DMFAS country project expenditures and activities from 2001 to 2003. In 2003, total country project expenditures (UNDP-managed and other sources) amounted to close to US\$ 900,000, whereas in 2002 they amounted to almost US\$ 1,500,000. As highlighted in the previous Annual Report, 2002 was an exceptional year with regard to country project expenditure, since a significant part was due to a larger than usual financing of central activities related to country-specific software development. It can be said, therefore, that the 2003 expenditures have fallen back to slightly below their pre-2002 levels. Furthermore, the implementation of the formal cost-sharing mechanism (see below for more details) has reduced the "traditional", rather opaque method of cost sharing through country projects.

Table 4 provides summary data on yearly expenditure by source. The significant increase in the Programme's total yearly expenditures (for country projects and the central programme) in 2002 was followed by another significant increase in 2003. Indeed, whereas in 2002 total yearly expenditures

amounted to US\$ 3.5 million, in 2003 they amounted to US\$ 3.9 million. This was largely due to the depreciation of the US dollar vis-à-vis the Swiss franc.

Even though in 2003 most of the expenditures were financed by contributions from bilateral donors (see table 4 and figure 1), the Programme expects the recently established formal cost-sharing component to gain significantly in importance in the coming years.

As can be seen in table 4, expenditures of UNDP-managed country projects and of country projects funded through other sources (World Bank, regional development banks, bilateral country donors etc.) both experienced a rather sharp decrease in 2003. However, this decrease was to a great extent due to the decrease in "traditional" cost sharing through country projects, as already indicated above. Indeed, in 2003 the new formal cost-sharing mechanism generated income of US\$ 485,000, which was used in its entirety to fund central operations.

In any case, expenditures of both UNDP-managed country projects and country projects funded through other sources are at an exceptionally low level and are expected to increase again in the future, as the number of projects and activities increases over the next few years. The implementation of the new DMFAS version 5.3 might play a significant role in this respect.

Funding received from the UN and from bilateral donors is mostly spent on the Programme's central activities. Over the last two years, expenditures from UN sources have basically remained unchanged, while bilateral sources have sharply increased, for the reasons listed above.

Table 6 provides a detailed expenditure overview for the central operations of the DMFAS programme in 2003, which totalled US\$ 3,203,809, up from US\$ 2,721,045 in 2002. All sources of expenditure have remained basically unchanged over the last two years, except *bilateral donors* and *cost sharing*. Indeed, while the cost-sharing element decreased by US\$ 130,000, bilateral donors' contributions to cover the central operation's expenditures increased by almost US\$ 600,000. The decrease in the cost-sharing element is entirely due to the drop in cost sharing through country projects. The sharp increase in formal cost sharing (US\$ 485,000) could not entirely offset that drop. However, it is worth mentioning that the tendency towards decreasing "traditional" cost sharing and increasing formal cost sharing is the one that was envisaged.

A central team of 25 professional and administrative staff based in Geneva supports country project work. Although the team is partly financed from the UN regular budget and resources available from overheads and other UN accounts, since 1995, it is essentially four bilateral donors (Netherlands, Norway, Sweden and Switzerland) that have provided the main source of financial support for the team. Their total annual contributions have remained practically unchanged at US\$ 1.7 million over the last three years (see table 7).

Cost sharing

In the past, country projects included contributions to partly cover the costs of the central operations of the Programme. These contributions (cost-sharing) to the DMFAS Trust Fund by countries benefiting from and participating in DMFAS activities have quickly become a new source of funding. The DMFAS Trust Fund, established by the UNCTAD secretariat at the recommendation of the DMFAS Advisory Group in 2001, envisaged this more formal cost-sharing mechanism.

The cost-sharing mechanism has two components: a one-time DMFAS development contribution made at the time of the first installation of the DMFAS system and a yearly maintenance fee applicable to most current DMFAS user-institutions. This maintenance fee allows user-institutions to benefit from the future upgrades of DMFAS version 5 and from privileged maintenance services provided by the Debt Management–DMFAS Programme's technical team.

At the end of the year, four new user-institutions had paid a total of \$380,000 into the DMFAS Trust Fund through the one-time DMFAS development contribution.

The promotion of the yearly maintenance fee started in September 2002 after UNCTAD's senior management had approved its concept. The respective duties and responsibilities of the Debt Management–DMFAS Programme and the user institutions are described in the maintenance agreement. They were forwarded to all the beneficiary institutions at the beginning of the year for comments and approval. The initial maintenance fee was set at \$5,000 per year per institution.

The number of potential fee-paying institutions – whether financed directly by the beneficiary institutions themselves or through active technical cooperation projects – is estimated to be 66 out of 89. For different historical, contractual or operational reasons, certain institutions⁶ (23 out of 89) will not yet participate in this endeavor, although this number is expected to diminish rapidly over the next three years.

Although the maintenance agreements were introduced on a voluntary basis, the positive response from the community of user institutions has exceeded the Programme's initial expectations. This response clearly shows the value placed by the beneficiary institutions on the DMFAS system and related services.

At the end of December 2003, 26 institutions had either agreed to, or paid, their yearly maintenance fee or were taking the necessary legal and administrative steps to do so, and a further 19 institutions were in an advanced stage of approving the maintenance agreement.

⁶ For instance, certain institutions are implementing the DMFAS within the framework of older technical cooperation projects, which had not yet catered for the adoption of the maintenance agreements. Others are no longer using previously installed versions of the system and are usually awaiting a new project for the system to be made operational once again. Other institutions are in countries disturbed by war or social upheaval.

TABLE 1 STATUS OF DMFAS IMPLEMENTATION
(As of end December 2003)

Start date*	Country	User institution **	Version currently installed/used			
			4.1Plus	5	5.1	5.2
1984	Togo	MoF				X
1985	Haiti	CB				X
	Pakistan	MoF				X
	Trinidad and Tobago	CB/MoF***				X
	Uganda	CB/MoF				XX
1986	Djibouti	MoF				X
	Egypt	CB#	X			X
	Zambia	CB/MoF				XX
	Zimbabwe	CB/MoF				XX
1987	Burundi	MoF				X
	Philippines	MoF				X
1988	Costa Rica	CB/MoF				XX
	El Salvador	MoF				X
	Ethiopia	MoF	X			
	Guatemala	MoF				X
	Honduras	MoF/CB				XX
	Indonesia	MoF/CB***				X
	Nicaragua	MoF/CB				XX
1990	Rwanda	MoF/CB				XX
1992	Bangladesh	MoF/CB				XX
1993	Bolivia	MoF/CB				XX
	Argentina	MoF/Prov (3)				XXXX
	Lebanon	MoF/CB/CRD				XXX
	Romania	MoF/CB				XX
1994	Belarus	MoF			X	
1995	Central African Republic	MoF	X			
	Mauritania	MoF				X
	Paraguay	MoF/CB/MoP				XXX
	Ukraine	MoF		X		
	Ecuador	MoF/CB				XX
1996	Panama	MoE				X
	Kazakhstan	MoF/CB/Exim			XXX	
	Viet Nam	MoF/CB				XX
	Dominican Republic	CB/MoF				XX
	Uzbekistan	MoF			X	
1997	Guinea-Bissau	MoF			X	
	Senegal	MoF		X		
	Sao Tome and Principe	MoF/CB		XX		
	Moldova	MoF/CB				XX
	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
	Macedonia (FYR of)	CB			X	
	Lithuania	MoF				X
	Yemen	CB/MoF/MoP				XXX
2000	Chad	MoF				X
	Palestinian Authority	MoF				X

Start date*	Country	User institution **	Version currently installed/used			
			4.1Plus	5	5.1	5.2
2001	Colombia	MoF				X
	Gabon	MoF				X
	Madagascar	CB				X
	Mongolia	MoF/CB				XX
	Syrian Arab Republic	CB				X
	Turkmenistan	CB				X
2003	Chili	CB				X
	Congo (Republic of)	MoF***				
Total	62 countries	88 institutions	3	5	7	74

* Date when initial system implementation started in the country concerned

** CB = Central Bank

MoF = Ministry of Finance

Prov = Provinces

CRD = Council for Reconstruction and Development

*** Institutions awaiting first installation

Both versions running in parallel

MoP = Ministry of Planning

MoE = Ministry of Economy

Exim = Eximbank

NGO = NGO Affairs Bureau

TABLE 2 OPERATIONAL STATUS OF DMFAS IN COUNTRIES

as evaluated by DMFAS' project managers

(As of end December 2003)

Country	Version installed	User institution	Operational status						Comments
			0	1	2	3	4	IFMS	
Albania	5.2	MoF		X	X	X			
Angola	5.2	CB							System installed, database being developed
Argentina	5.2	MoF		X	X	X	X	X	Training and support for provinces provided by MoF
	5.2	Prov1		X	X				
	5.2	Prov2		X	X				
	5.2	Prov3		X	X				
Bangladesh	5.2	MoF		X	X				For some creditors the database is being updated
	5.2	CB		X					System installed, database being developed
	5.2	NGO	X						
Belarus	5.1	MoF		X	X	X			
Bolivia	5.2	MoF		X	X	X		X	
	5.2	CB		X	X				
Burkina Faso	5.2	MoF		X	X	X			Link with local accounting system and software in 2004
Burundi	5.2	MoF		X	X				
Central African Rep.	4.1Plus	MoF	X						New project to be initiated
Chad	5.2	MoF		X	X	X			
Chile	5.2	CB							System installed, database being developed
Colombia	5.2	MoF	X						
Congo (Republic of)		MoF							Awaiting first installation
Costa Rica	5.2	MoF							Reading-access only
	5.2	CB		X	X	X			
Côte d'Ivoire	5.2	MoF		X	X	X			Link with SIGFIP-ASTER
Djibouti	5.2	MoF		X	X				5.2 installed in 2003. New project started
Dominican Republic	5.2	MoF							System installed, database being established
	5.2	CB		X	X	X			
Ecuador	5.2	MoF		X	X	X		X	
	5.2	CB		X	X	X			
Egypt	5.2 / 4.1Plus	CB		X	X	X			4.1Plus in parallel
El Salvador	5.2	MoF		X	X	X	X		
Ethiopia	4.1Plus	MoF		X	X				New project to be initiated
Gabon	5.2	MoF		X	X	X	X		
Georgia	5.2	MoF		X	X	X	X		
Guatemala	5.2	MoF		X	X	X	X	X	
Guinea-Bissau	5.0	MoF	X						New version to be installed in 2004
Haiti	5.2	CB		X	X	X			
Honduras	5.2	MoF		X	X	X			Link with IFMS being built
	5.2	CB		X	X	X			CB is connected to the MoF's database
Indonesia	5.2	MoF		X	X	X			
		CB							New project starting December 2003
Iran (Islamic Rep. of)	5.2	CB		X	X	X			
Jordan	5.2	MoF		X	X	X	X		Creation of a link with the Central Bank
Kazakhstan	5.1	MoF		X	X	X			
	5.1	CB	X						
	5.1	Exim	X						

Country	Version installed	User institution	Operational status						Comments
			0	1	2	3	4	IFMS	
Lebanon	5.2	MoF			X	X			Read-only installation
	5.2	CB		X	X	X	X		
	5.2	CRD			X	X			Read-only installation
Lithuania	5.2	MoF		X	X	X			
Macedonia (FYR of)	5.1	CB		X	X	X			
Madagascar	5.2	CB		X	X				
Mauritania	5.2	MoF		X	X	X			
Moldova (Republic of)	5.2	MoF		X	X	X			Data-sharing link with Central Bank
	5.2	CB		X	X	X			Data-sharing link with MoF
Mongolia	5.2	MoF		X	X	X	X		
	5.2	CB			X				Read-only access
Nicaragua	5.2	MoF		X	X	X			Project proposal for link with IFMS submitted
	5.2	CB		X	X	X			
Pakistan	5.2	MoF		X	X		X		New project to start in 2004
Palestinian Authority	5.2	MoF		X	X	X			
Panama	5.2	MoE		X	X	X	X	X	
Paraguay	5.2	MoF		X	X	X	X	X	
	5.2	MoP		X	X	X		X	MoP is connected to MoF by network
	5.2	CB		X	X	X	X		CB is connected to MoF by network
Peru	5.0	MoF	X						
Philippines	5.2	MoF		X	X	X			
Romania	5.2	MoF		X	X	X	X		Data-sharing link with Central Bank
	5.2	CB		X	X	X	X		Data-sharing link with MoF
Rwanda	5.2	MoF		X	X	X	X		
	5.2	CB		X					New project to start in 2003 (Single-user installation)
Sao Tome and Principe	5.0	MoF	X						Financing for new project to be secured
	5.0	CB	X						Financing for new project to be secured
Senegal	5.0	MoF	X						In-house system being developed
Sudan	5.2	CB		X	X	X			
Syrian Arab Republic	5.2	CB		X	X	X	X		
Togo	5.2	MoF		X	X		X		New project started in 2003
Trinidad and Tobago	5.2	MoF							New project to start in late 2003
	5.2	CB		X	X				Link of DMFAS with MoF
Turkmenistan	5.2	CB		X	X				
Uganda	5.2	MoF		X	X				Project ongoing
	5.2	CB		X	X	X	X		
Ukraine	5.0	MoF	X						
Uzbekistan	5.1	MoF	X						
Venezuela	5.2	MoF		X	X	X		X	
Viet Nam	5.2	MoF		X	X				
	5.2	CB		X					System installed, database being elaborated
Yemen	5.2	CB		X	X	X	X		Training and re-installation complete
	5.2	MoF					X		Read-access only
	5.2	MoP					X		Read-access only
Zambia	5.2	MoF		X	X	X	X		Database being upgraded from v. 4.1Plus to v. 5.2
	5.2	CB		X	X	X	X		
Zimbabwe	5.2	MoF		X	X		X		
	5.2	CB		X	X	X	X		

- Stage 0 System installed, but not used
- Stage 1 Database regularly kept up to date and validated
- Stage 2 System used for monitoring and internal reporting
- Stage 3 System used for publication of statistical bulletin(s) and/or other periodical publication
- Stage 4 Staff have received (basic or advanced) training in the use of the World Bank's Debt Sustainability model (DSM+) for debt analysis

IFMS: DMFAS is, or is being, integrated within an Integrated Financial Management System

- CB = Central Bank
- CRD = Council for Reconstruction and Development
- Exim = Eximbank
- MoE = Ministry of Economy
- MoF = Ministry of Finance
- MoP = Ministry of Planning
- MoPIC = Ministry of Planning and International Cooperation
- NGO = NGO Affairs Bureau
- Prov = Provinces

TABLE 3 OVERVIEW OF DMFAS ACTIVITIES FROM 2001 TO 2003

Country	Government Agency	Country project expenditures			Number of missions by central staff			Number of weeks of consultants in countries		
		2001	2002	2003	2001	2002	2003	2001	2002	2003
Albania	MoF	-	-	-	-	-	-	-	-	-
Angola	CB	67 251	70 792	97 317	-	-	3	26	18	10
Argentina	MoF/Prov (3)	52 289	93 642	(41 081)	2	-	6	-	4	-
Bangladesh	MoF/CB	51 472	94 850	32 354	-	1	1	6	6	-
Belarus	MoF	(5 753)	-	-	-	-	-	-	-	-
Bolivia	MoF/CB	116 941	5 708	-	2	4	-	5	3	-
Burkina Faso	MoF	5 120	-	4 999	3	-	-	-	-	2
Burundi	MoF	19 268	23 278	7 899	-	-	-	2	4	-
Central African Rep	MoF	-	3 968	7 955	-	-	-	-	-	-
Chad	MoF	42 331	32 178	17 118	1	-	-	10	-	2
Chile	CB	-	-	13 833	-	-	1	-	-	2
Colombia	MoF	119 193	177 472	64 897	2	2	-	-	-	-
Costa Rica	CB/MoF	5 435	-	-	-	-	1	-	-	-
Côte d'Ivoire	MoF	-	-	-	1	1	-	-	-	-
Djibouti	MoF	-	-	53 054	-	1	1	-	-	10
Dominican Republic	CB/MoF	-	7 550	18 900	-	2	1	-	-	2
Ecuador	MoF/CB	(165)	-	-	-	-	-	-	-	-
Egypt	CB	18 436	-	-	1	-	-	-	-	-
El Salvador	MoF	12 843	-	-	-	-	-	-	-	-
Ethiopia	MoF	-	-	-	-	-	-	-	-	-
Gabon	MoF	41 952	123 914	12 940	4	-	2	-	-	-
Georgia	MoF	65 537	6 215	9 796	-	-	1	4	-	-
Guatemala	MoF	80 947	(210)	-	2	-	-	4	-	-
Guinea-Bissau	MoF	33 405	(2 897)	4 207	-	-	-	-	2	-
Haiti	CB	-	-	-	-	-	-	-	-	-
Honduras	MoF/CB	-	-	-	-	-	1	-	-	8
Indonesia	MoF/CB	56 807	26 543	1 823	-	3	3	6	4	6
Iran	CB	-	-	-	-	-	-	-	-	-
Jordan	MoF	10 138	15 847	11 483	1	-	2	-	-	-
Kazakhstan	MoF/CB/Exim	-	-	-	-	-	-	-	-	-
Lebanon	MoF/CB/CRD	-	-	-	-	-	-	-	-	-
Lithuania	MoF	-	-	2 701	-	-	-	-	-	-
Macedonia (FYR of)	CB	-	-	-	-	-	-	-	-	-
Madagascar	CB	79 119	16 695	49 294	2	-	-	4	4	-
Mauritania	MoF	6 113	-	-	2	-	-	-	-	-
Moldova	MoF/CB	13 483	(601)	-	1	-	-	-	-	-
Mongolia	MoF/CB	119 836	287 384	21 154	1	1	-	9	6	-
Nicaragua	MoF/CB	-	-	-	-	-	1	-	-	-
Pakistan	MoF	-	-	-	2	-	-	8	-	-
Palestinian Authority	MoF	(11 219)	107 713	53 122	1	1	1	-	8	-
Panama	MoE	4 777	-	152 196	-	-	6	-	-	5
Paraguay	MoF/CB/MoP	-	27 838	-	1	-	-	2	-	-
Peru	MoF	-	(1 451)	-	-	-	-	-	-	-
Philippines	MoF	-	-	-	-	2	1	-	-	-
Romania	MoF/CB	-	7 234	-	-	-	-	-	2	-
Rwanda	MoF/CB	17 968	(557)	-	-	-	-	5	-	-
Sao Tome and Principe	MoF/CB	-	-	-	-	-	1	-	-	-
Senegal	MoF	-	-	-	-	-	-	-	-	-

Country	Government Agency	Country project expenditures			Number of missions by central staff			Number of weeks of consultants in countries		
		2001	2002	2003	2001	2002	2003	2001	2002	2003
Sudan	CB	9 928	-	-	1	-	-	-	-	-
Syria	CB	9 610	209 523	8 532	2	2	1	-	5	-
Togo	MoF	34 609	58 919	43 737	3	3	-	3	4	-
Trinidad and Tobago	CB/MoF	-	-	6 173	-	-	-	-	-	-
Turkmenistan	CB	28 619	20 748	24 634	2	2	2	13	-	2
Uganda	CB/MoF	-	-	50 232	-	-	-	-	-	10
Ukraine	MoF	-	-	-	-	-	-	-	-	-
Uzbekistan	MoF	-	-	-	-	-	-	-	-	-
Venezuela	MoF	-	4 416	-	-	-	-	-	-	-
Viet Nam	MoF/CB	31 743	38 340	74 493	-	2	5	5	10	14
Yemen	CB/MoF/MoP	-	14 657	80 553	-	1	3	-	-	16
Zambia	MoF/CB	(788)	-	-	-	-	-	-	-	-
Zimbabwe	MoF/CB	(2 547)	-	-	-	-	1	-	-	-
Preparatory assistance										
		1 921	-	-	-	-	-	-	-	-
Exploratory missions*										
					7	6	7	-	-	
TOTAL										
		1 136 619	1 469 708	894 315	37	28	45	112	80	89

CB = Central Bank

MoF = Ministry of Finance

Exim = Exim Bank

* To pipeline countries

TABLE 4 DEBT MANAGEMENT–DMFAS PROGRAMME SUMMARY OF YEARLY EXPENDITURES BY SOURCE
(Central and local)

(In 000 \$)

	Cumulative incl. 1997		1998		1999		2000		2001		2002		2003		Cumulative incl. 2003	
	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%
UNDP managed: (a)																
Interregional projects	3 278	14%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3 278	8%
Country/regional projects	7 509	32%	776	25%	794	25%	435	14%	534	18%	724	21%	517	13%	11 289	26%
Total UNDP	10 787	45%	776	25%	794	25%	435	14%	534	18%	724	21%	517	13%	14 567	34%
Other sources: (b)																
Interregional projects	0	0%	0	0%	28	1%	0	0%	0	0%	0	0%	0	0%	28	0%
Country/regional project trust funds	2 480	10%	736	23%	700	22%	821	27%	603	20%	869	25%	377	10%	6 586	15%
Total Other Sources	2 480	10%	736	23%	728	23%	821	27%	603	20%	869	25%	377	10%	6 614	15%
UNDP + Other (a) + (b)	13 267	56%	1 512	48%	1 522	49%	1 256	41%	1 137	38%	1 593	45%	894	23%	21 181	49%
Bilateral donors:																
Central Programme	6 615	28%	974	31%	699	22%	841	28%	1 009	34%	1 255	36%	1 850	47%	13 243	30%
Total Donor Countries	6 615	28%	974	31%	699	22%	841	28%	1 009	34%	1 255	36%	1 850	47%	13 243	30%
Cost sharing (c):																
Central Programme	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	485	12%	485	1%
Total Donor Countries	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	485	12%	485	1%
UNCTAD: (d)																
Central Programme																
Regular budget	3 791	16%	435	14%	640	21%	621	20%	568	19%	460	13%	474	12%	6 989	16%
Overheads, savings etc.	57	0%	230	7%	253	8%	213	7%	150	5%	120	3%	120	3%	1 143	3%
Development Account	0	0%	0	0%	0	0%	113	4%	140	5%	79	2%	85	2%	417	1%
Total UNCTAD	3 848	16%	665	21%	893	29%	947	31%	858	29%	659	19%	679	17%	8 549	20%
Grand Total	23 730	100%	3 151	100%	3 114	100%	3 044	100%	3 004	100%	3 507	100%	3 908	100%	43 458	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 in item "UNDP" or in item "Other sources".

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

(c) Cost sharing through the DMFAS Trust Fund (Maintenance and Development contributions from user institutions)

(d) Estimates of personnel costs

TABLE 5 DMFAS FINANCIAL REPORT

Table 5.A. UNDP country projects

Country Projects	Allocation	Expenditures (US dollars)		Unspent budget balance as of 31.12.03
		Total allocation up to 31.12.03	Cumulative (incl. 2003)	
Albania	214 251	214 251	-	-
Argentina (2 projects)	1 472 753	1 472 753	(41 081)	-
Armenia	3 850	2 099	-	1 592
Bangladesh (2 projects)	745 980	745 980	-	-
Belarus	91 410	91 410	-	-
Bolivia (2 projects)	108 902	108 902	-	-
Burundi	119 148	119 148	-	-
Colombia (2 projects)	447 796	447 796	64 897	-
Costa Rica	35 740	35 740	-	-
Djibouti	140 239	140 239	-	-
Egypt	926 173	926 173	-	-
Ethiopia	161 911	161 911	-	-
Georgia (2 projects)	224 598	191 198	9 796	33 400
Guatemala	252 120	210 555	-	41 566
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	-	-
FYR of Macedonia	21 562	21 562	-	-
Madagascar	316 494	286 729	49 294	29 765
Mexico**	52 051	52 051	-	-
Moldova (2 projects)	169 439	165 804	-	3 635
Nicaragua	37 000	37 000	-	-
Pakistan	427 659	427 659	-	-
Panama	755 053	649 370	152 196	105 683
Paraguay	265 616	215 015	-	50 601
Peru (2 projects)	104 201	104 201	-	-
Philippines (2 projects)	517 851	517 851	-	-
Romania	79 114	72 358	-	6 756
Rwanda (3 projects)	407 197	407 197	-	-
Sao Tome & Principe	72 419	56 770	-	15 649
Syrian Arab Republic	390 550	250 832	8 532	139 718
Togo (3 projects)	387 665	324 173	43 737	63 492
Trinidad and Tobago	75 705	75 705	-	-
Turkmenistan	117 168	74 814	24 634	42 354
Uganda (2 projects)	305 519	263 508	50 232	42 011
Ukraine	46 284	46 284	-	-
Uzbekistan	85 429	85 429	-	-
Venezuela	272 744	272 436	-	308
Viet Nam	399 386	366 772	74 493	32 614
Yemen	166 787	132 825	80 553	33 962
Yugoslavia**	2 800	1 921	-	879
Zambia	185 755	185 755	-	-
Zimbabwe	141 580	141 580	-	-
TOTAL UNDP COUNTRY	11 632 233	10 988 090	517 282	643 984

* 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. UNDP regional projects

Regional UNDP	Allocation	Expenditures (US dollars)		Unspent budget balance as of 31.12.03
		Total allocation up to 31.12.03	Cumulative (incl. 2003)	
Eastern Europe (a)	44,482	44,482	-	-
Central America (b)	164,228	164,228	-	-
TOTAL UNDP REGIONAL	208,710	208,710	-	-

Table 5.C. UNDP interregional projects

Regional UNDP	Allocation	Expenditures (US dollars)		Unspent budget balance as of 31.12.03
		Total allocation up to 31.12.03	Cumulative (incl. 2003)	
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 (US dollars)		Unspent budget balance as of 31.12.03
		Total allocation up to 31.12.03	Cumulative (incl. 2003)	
TOTAL UNDP	15 207 344	14 507 790	517 282	699 395

Table 5.D. Other sources

Figures include overheads

Country Projects	Allocation	Expenditures (US dollars)		Unspent budget balance as of 31.12.03	Source of funds
		Total allocation up to 31.12.03	Cumulative (incl. 2003)		
Angola***	512 783	505 186	97 317	7 597	G
Bangladesh (2 projects)	232 843	205 408	32 354	27 436	N
Bolivia (2 projects)	310 782	269 895	-	40 886	STF, G
Burkina Faso	185 000	122 782	4 999	62 218	STF
Burundi	68 000	50 444	7 899	17 556	G
Central African Republic***	74 936	66 278	7 955	8 658	WB grant
Chad	99 700	91 626	17 118	8 074	G
Chile	59 700	13 833	13 833	45 867	G
Congo (Republic of)	108 840	-	-	108 840	WB grant
Costa Rica	68 025	63 424	-	4 601	CB
Cote D'Ivoire	37 815	37 815	-	-	STF
Djibouti	78 716	53 054	53 054	25 662	WB loan
Dominican Republic (2 projects)	378 040	158 564	18 900	219 476	G
Ecuador (3 projects)	537 877	537 877	-	-	G, J, IBRD
Egypt	34 911	34 911	-	-	G
El Salvador	135 374	126 818	-	8 556	G
Ethiopia	91 944	91 944	-	-	STF
Gabon	262 000	178 806	12 940	83 194	G
Guinea Bissau	180 000	111 154	4 207	68 846	STF
Haiti	40 000	26 834	-	13 166	IDB
Honduras (2 projects)	95 872	95 872	-	-	WB/IDF, STF
Indonesia (2 projects)	278 325	222 228	11 823	56 097	AUSAID
Iran (Islamic Republic of)	196 493	195 072	-	1 421	WB grant
Jordan	146 430	95 488	11 483	50 942	STF
Kazakstan (2 projects)	326 964	307 770	-	19 194	USAID, WB
Lithuania	64 410	59 710	2 701	4 700	G
Mauritania	149 700	149 700	-	-	STF
Mongolia	434 937	428 374	21 154	6 563	WB Loan
Morocco	4 892	4 892	-	-	G
Nicaragua	180 868	180 868	-	-	STF
Pakistan	50 288	50 288	-	-	G
Palestine Authority**	262 618	217 687	53 122	44 931	N
Peru	130 578	130 578	-	-	STF
Romania***	397 032	396 735	-	297	WB, J
Senegal	61 332	61 332	-	-	STF
Sudan***	86 556	83 476	-	3 080	AfDB
Trinidad & Tobago (2 projects)	149 841	26 753	6 173	123 088	G
Uganda	34 914	34 914	-	-	G
Venezuela***	91 848	89 476	-	2 372	G
Viet Nam (2 projects)	206 887	206 887	-	-	ADB, STF
Zambia	34 725	32 270	-	2 455	G
Zimbabwe	34 495	29 112	-	5 383	G
Interregional (DMFAS Bridge)	33 000	28 138	-	4 862	WB
Regional (Africa)	530 652	530 652	-	-	ESAI DARM
Regional (Africa)	310 186	310 186	-	-	NL
To be allocated	391 265	-	-	391 265	STF
TOTAL TRUST FUNDS	8 182 394	6 715 113	377 031	1 467 281	

** First disbursement only

*** Allocation includes interest accrued

G = Government

WB = World Bank

ADB = Asian Development Bank

AfDB = African Development Bank

J = Japanese Government

IDB = Inter-American Development Bank

IDF = Institutional Development Fund

NL = The Netherlands

N = Norway

ESAI DARM = Chief Technical Officer assigned to the

Eastern and Southern African Initiative in Debt and

Reserves Management Secretariat

STF = Swiss Trust Fund

Table 5.E. Bilateral support to central team and cost sharing (since 1984)

Donor countries*	Allocation	Expenditures (US dollars)		Unspent budget balance	
	Total allocation up to 31.12.03	Cumulative (incl. 2003)	2003	as of 31.12.03	
Belgium	172 089	172 089	-	-	(a)
Belgium**	201 277	199 604	-	1 673	(b)
Denmark**	312 226	312 226	-	-	(c)
Finland**	234 405	234 405	-	-	(d)
Finland**	379 749	367 359	-	12 390	(e)
France	17 717	17 717	-	-	(f)
Germany	368 352	368 352	-	-	(g)
Ireland**	72 194	62 359	-	9 835	(h)
Italy	900 290	900 290	-	-	(i)
Italy	144 510	144 510	-	-	(j)
Italy	100 000	100 000	-	-	(k)
Norway	225 921	225 921	-	-	(l)
Norway	256 245	256 245	-	-	(m)
Norway**	367 382	367 382	-	-	(n)
Norway**	2 273 411	2 273 411	323 194	-	(o)
The Netherlands	192 764	192 764	-	-	(p)
The Netherlands**	2 675 173	2 648 931	139 566	26 242	(q)
Switzerland**	1 571 695	1 565 564	-	6 131	(r)
Sweden	600 000	600 000	-	-	(s)
Sweden**	658 014	626 908	38 901	31 106	(t)
United Kingdom	228 459	228 459	-	-	(u)
Multi-donor DMFAS Trust Fund	3 883 157	1 909 371	1 896 146	1 973 786	(v)
of which:					
Bilateral donors					
- Norway	1 950 000				
- Sweden	953 996				
- The Netherlands	300 000				
Maintenance contributions					
- Argentina	5 000				
- Bolivia	5 000				
- Congo (Republic of)	10 000				
- Djibouti	5 000				
- Dominican Republic	15 000				
- Ecuador	5 000				
- Haiti	5 000				
- Honduras	5 000				
- Indonesia	9 983				
- Côte d'Ivoire	4 975				
- Jordan	5 000				
- Lithuania	5 000				
- Panama	5 000				
- Philippines	4 995				
- Sudan	5 000				
- Uganda	9 980				

Donor countries*	Allocation	Expenditures (US dollars)		Unspent budget balance as of 31.12.03	
		Total allocation up to 31.12.03	Cumulative (incl. 2003)		
Development contributions					
- Chile	100 000				
- Congo (Republic of)	100 000				
- Dominican Republic	100 000				
- Indonesia	80 000				
Other income	194 228				
TOTAL	15 835 030	13 773 866	2 397 806	2 061 164	

* 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 (1996-1997)
- (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) Associate experts (1988-1991)
- (m) Associate experts (1992-1995)
- (n) General programme contribution and support for debt management missions (1988-1996)
- (o) General programme contribution (1995-2001)
- (p) General programme contribution (1986-1989)
- (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 (1995-1998)
- (t) General programme contribution (1999-2001)
- (u) Associate experts (1992-1994)
- (v) Multi-donor DMFAS trust fund, General programme contribution (2002-2005)

**TABLE 6 EXPENDITURE FOR THE DEBT MANAGEMENT–DMFAS
PROGRAMME CENTRAL OPERATIONS**

	2003 Expenditures US\$
Regular budget:	
- personnel*	464 000
- travel	-
- communication costs*	10 000
- office maintenance	pm
Total regular budget	474 000
Overheads:	
- personnel*	120 000
- travel	-
Total overheads	120 000
Development account:	
- personnel	56 500
- travel	28 600
Total development account	85 100
Bilateral donors:	
- personnel	1 082 041
- travel	215 016
- equipment	37 872
- consultancy services	282 391
- conferences, training and seminars	10 181
- others	9 451
- overhead charges	212 804
Total bilateral donors	1 849 756
Cost sharing**:	
- personnel	674 953
Total cost sharing	674 953
Grand Total	3 203 809

* Estimation

** Includes maintenance fees, development contributions, cost sharing from beneficiaries/country projects for specific activities and general support and their overhead charges

pm: pro memo

TABLE 7 BILATERAL DONORS' CONTRIBUTIONS, 1996–2003
General programme support

(In USD)

	1996	1997	1998	1999	2000	2001	2002	2003	Total
Belgium	188 911	-	-	-	-	-	-	-	188 911
Finland	228 378	-	-	-	352 000	-	-	-	580 378
Germany	-	-	-	-	-	42 880	50 000	-	92 880
Ireland	-	-	-	64 349	-	-	-	-	64 349
Netherlands	602 231	-	531 802	-	300 000	247 707	222 262	300 000	2 204 002
Norway	78 145	225 000	225 000	235 106	303 500	976 231	975 000	975 000	3 992 982
Sweden	-	300 000	-	299 243	-	324 550	486 177	467 819	1 877 789
Switzerland (Component 1)	431 034	-	272 122	-	-	100 000	-	-	803 156
Total	1 528 699	525 000	1 028 924	598 698	955 500	1 691 368	1 733 439	1 742 819	9 804 447

FIGURE 1 **2003 EXPENDITURES FOR THE DEBT MANAGEMENT-DMFAS PROGRAMME'S CENTRAL OPERATIONS, BY SOURCE**

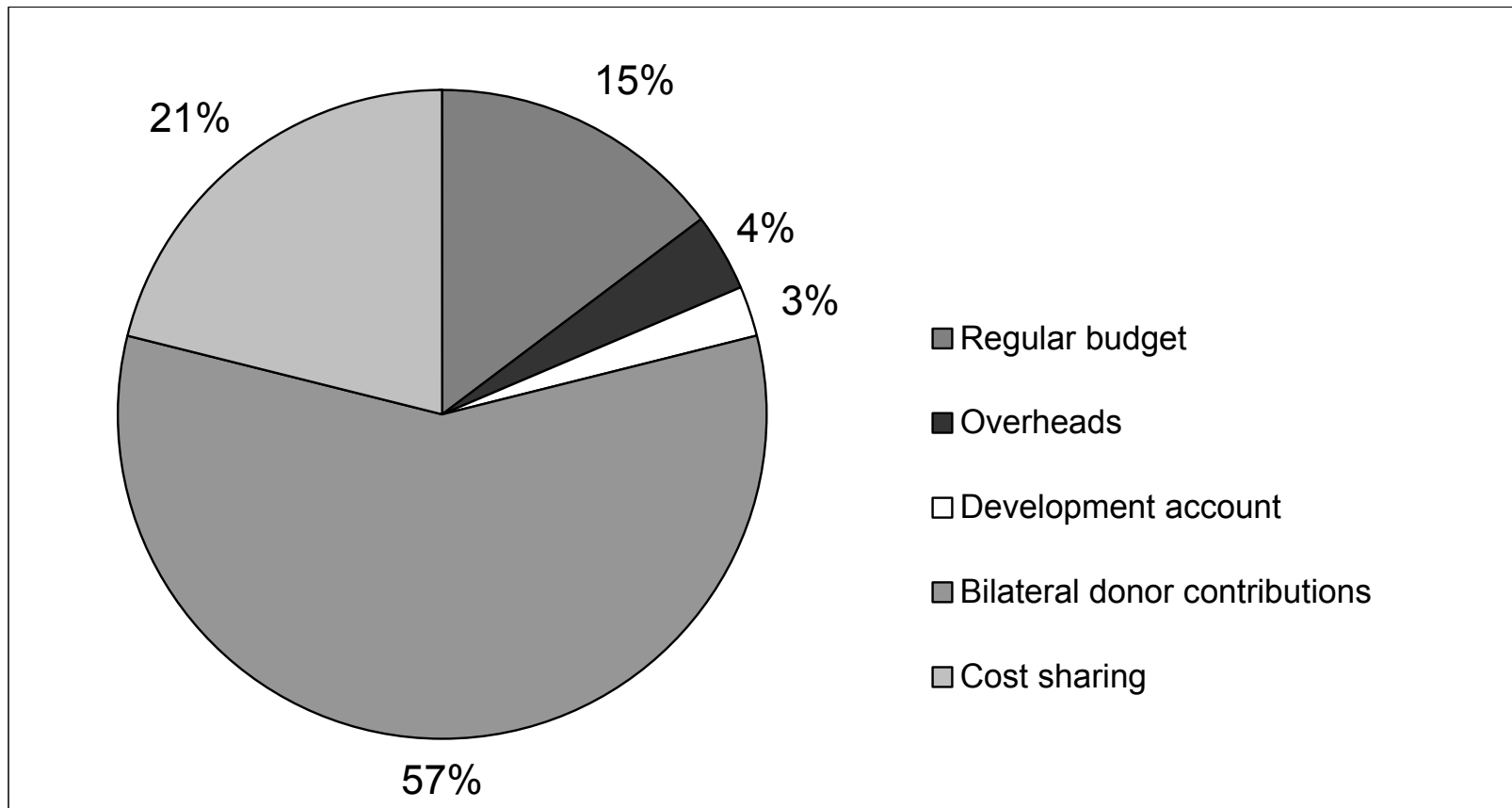
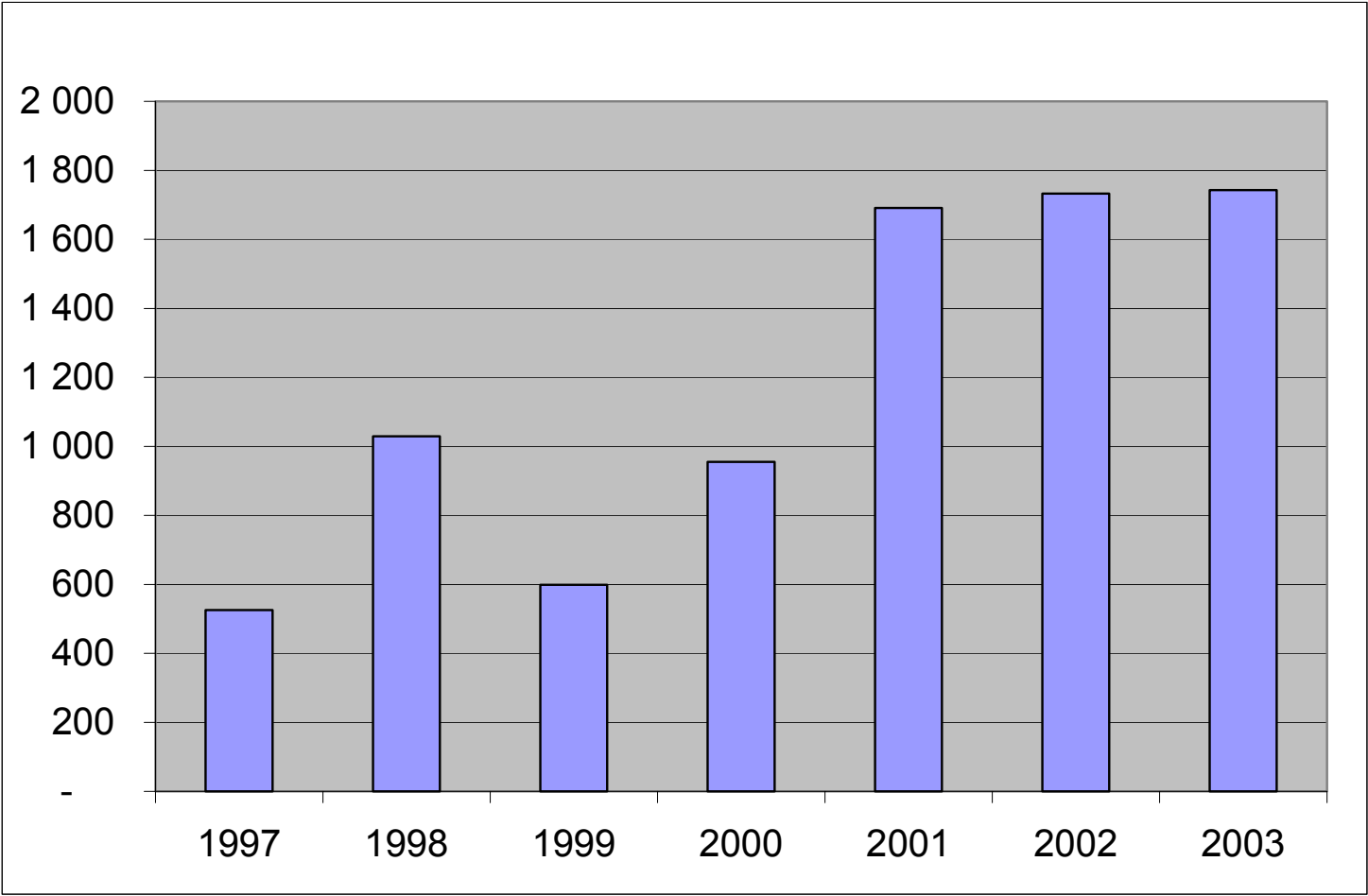


FIGURE 2 BILATERAL DONORS' CONTRIBUTIONS TO THE DEBT MANAGEMENT–DMFAS PROGRAMME'S CENTRAL OPERATIONS, 1997–2003

(in 000 \$)



Annex

Country information

ALBANIA

DMFAS start date: 1998

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –

Previous: UNDP

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (May 2000)

Previous: 5.0 (May 1998)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

If no activity in 2003, last activity:

Exporting of the database on grants to DMFAS 5.2, in 2000.

Problems encountered:

Planned activities:

A technical support mission is planned for the second quarter of 2004.

ANGOLA

DMFAS start date: 1999

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Government of Angola (original project), World Bank (extension)

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (May 2000)

Previous: –

Note:

A pre-release of DMFAS 5.3's revolving credit module was installed in February 2003.

Version language: English and Spanish

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

System installed, database being developed.

Activities in 2003:

- Pre-release installation of DMFAS 5.3's revolving credit module, in February.
- UNCTAD sent an evaluation mission to visit the authorities responsible for debt management, not only at the Central Bank but also at the Ministry of Finance and the parastatal SONANGOL, in March.
- Participation in an introductory workshop to DSM+, and installation of DSM+, in March.
- A consultant was fielded to Angola to guide and train debt operators in the use of DMFAS, from mid-February to mid April. The consultant also developed a procedural manual for the debt officers during this period.
- Participation in a joint MEFMI/UNCTAD workshop on DSM+, in Maseru, in July.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- UNCTAD sent a consultant to assist the debt office in completing its database and prepare information for a visiting IMF/World Bank delegation, in November / December.

Problems encountered:

- A "read-only" installation of DMFAS in the Ministry of Finance could not be carried out during the year, as planned, due to the unavailability of the appropriate equipment in the Ministry.
- Technical complications at the Central Bank.

Planned activities:

- Advanced DMFAS training, in Geneva.
- A follow-up evaluation mission to the Central Bank in April/May 2004.
- Installation of and training in DMFAS 5.3, in October 2004. This will follow conversion of the database from version 5.2 to version 5.3.
- A technical assistance project is currently being elaborated for the installation of and training in DMFAS in the Ministry of Finance. This project is expected to start during the second semester of 2004.

ARGENTINA

DMFAS start date: 1993

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Government of Argentina

Previous: World Bank, Inter American Development Bank

User institution(s): Ministry of Finance; Local Ministries of Finance of the Provinces of Catamarca, Río Negro and Chaco

DMFAS version installation(s):

Current: 5.2 in Ministry of Finance (January 2000) and in Provinces (November 2001)

Previous: 5.1 in Ministry of Finance (August 1998)

Version language: Spanish

System environment: Windows NT – Local area network

Link with other system: Yes

Note:

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

System operational status:

- Database regularly kept up to date and validated (all four institutions);
- System used for monitoring and internal reporting (all four institutions);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance);
- DSM + operational: staff have received basic training in the use of DSM+ for debt analysis (Ministry of Finance).

Note:

The Ministry of Finance uses the automatic bridge between DMFAS and DRS, the World Bank's Debtor Reporting System.

Activities in 2003:

- The Programme sent a mission to the Ministry of Finance in July and August to a) appraise the debt management office's use of the DMFAS system and its link to the Ministry's integrated financial management system; b) to introduce and provide the Ministry with the DMFAS system's new feature for managing local governmental debt; c) to help the Ministry prepare for its planned Paris Club restructuring meeting.
- The Ministry of Finance was chosen as the institution to carry out the Programme's pre-release testing (beta-testing) of DMFAS 5.3, which took place in December.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Note:

UNCTAD has developed adaptations to suit the specific needs of the Argentine Provinces, which have been included in DMFAS version 5.3.

Problems encountered:**Planned activities:**

- Incorporation of new provinces into the overall project for the Argentine Provinces.
- Development of a database in the Ministry of Finance, which will include information from the provinces' DMFAS installations.
- Distribution of the system's new feature for managing local governmental debt will be provided to the Provinces by the Ministry's technical team.
- Upgrading of all installations to the new DMFAS version 5.3 and training in its use.
- Supervision and support missions.
- Organization of regional workshops on general debt management practices.

BANGLADESH

DMFAS start date: 1992

No. of projects to date: 2

Current project status: Temporarily inactive

Funding source:

Current: Government of Norway

Previous: UNDP

User institution(s): Ministry of Finance; Central Bank; NGO Affairs Bureau

DMFAS version installation(s):

Current: 5.2 in Ministry of Finance, Central Bank and NGO Affairs Bureau (February 2002)

Previous: 5.0 in Ministry of Finance (1996)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- System installed, database being developed (Central Bank);
- System installed, but not yet used (NGO Affairs Bureau);
- Database regularly kept up to date (Ministry of Finance).

Note:

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

Activities in 2003:

- An UNCTAD Chief Technical Adviser (CTA) implemented the planned activities of the project - which included the recruiting of local project personnel, the organisation of study tours and preparing the relevant staff from the Ministry of Finance and the Bangladesh Bank for project-related training activities - during the period January to end September.
- UNCTAD undertook a one-week mission to Dhaka to attend a tripartite meeting and assist the CTA in coordination matters, in March.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

The CTA's posting and the implementation of the project activities under UNCTAD's responsibility were temporarily suspended beginning of October following disagreements between the Ministry of Finance and the funding agency (Norway) pertaining to project coordination matters.

Planned activities:

In light of the importance of this three-year project, UNDP Dhaka has shown interest in funding its continued implementation. A revised project proposal will be elaborated by UNCTAD during the first quarter of 2004 and submitted for UNDP's consideration.

BELARUS

DMFAS start date: 1994

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –

Previous: UNDP

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.1 (June 1999)

Previous: 5.0 (May 1997)

Version language: Russian

System environment: Novell – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:**If no activity in 2003, last activity:**

A country delegation participated in UNCTAD's Third Inter-regional Debt Management Conference in Geneva, in December 2001.

Problems encountered:**Planned activities:**

BOLIVIA

DMFAS start date: 1993**No. of projects to date:** 3**Current project status:** Active**Funding source:**

Current: World Bank loan

Previous: Swiss Trust Fund

User institution(s): Central Bank; Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 in CB (October 2000) and in MoF (December 2000).

Previous: 5.1 in CB (July 1998)

Note:

A pre-release of DMFAS 5.3's new bonds module was installed in the MoF in 2002.

Version language: Spanish**System environment:** Windows 2000 (Ministry of Finance); Windows NT (Central Bank) – Local area network (with remote access by the Ministry of Finance to the Central Bank).**Link with other system:** Yes**Note:**

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

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance).

Note:

The Ministry of Finance uses the automatic bridge between DMFAS and DRS, the World Bank's Debtor Reporting System.

Activities in 2003:

- An addendum to the present project was elaborated to implement the final activities.
- Participation in UNCTAD's fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

The details for linking the Central Bank and Ministry of Finance were not finalized during the missions last undertaken to Bolivia (2002).

Planned activities:

- A needs assessment mission in May/June 2004.
- A DSM+ introductory workshop in May/June 2004.
- Finalization of the validation of the SIGMA Link.

BURKINA FASO

DMFAS start date: 1997

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Swiss Trust Fund

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (July 2000)

Previous: 5.1 (December 1999)

Version language: French

System environment: Novell – Local area network

Link with other system: No

Note:

Link with local accounting system and software is planned.

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in a DMFAS/Pôle-Dette workshop on DMFAS reporting facilities, held in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- UNCTAD sent a consultant to the Ministry to reinstall the network and install the latest version of DMFAS 5.2. in December.

Problems encountered:

The national authorities have postponed the development of a link between DMFAS and their own budgetary software.

Planned activities:

- Development of a link with the national budgetary software, with the local financial software and with the local accounting system during 2004.
- Revision of the database and advanced training in DMFAS 5.2 in February 2004.
- Installation of and training in DMFAS 5.3, in September 2004.

BURUNDI

DMFAS start date: 1987**No. of projects to date:** 2**Current project status:** Active**Funding source:**

Current: Government of Burundi

Previous: –

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (April 2001)

Previous: 4.1 Plus (January 1990)

Version language: French**System environment:** Windows NT – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting.

Activities in 2003:

Participation in a DMFAS/Pôle-Dette workshop on DMFAS reporting facilities, in Brazzaville, in October.

Problems encountered:**Planned activities:**

UNCTAD will send a mission to train the debt unit's new staff, in February 2004.

CENTRAL AFRICAN REPUBLIC

DMFAS start date: 1995**No. of projects to date:** 1**Current project status:** Closed**Funding source:**

Current: –

Previous: World Bank grant

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 4.1 Plus (February 1996)

Previous: –

Version language: French

System environment: Windows – Single-user platform

Link with other system: No

System operational status:

System installed but not used.

Activities in 2003:

- Participation in a DMFAS/Pôle-Dette workshop on IT Training and Advanced Browser Functionalities, in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Note:

Implementation of the previous project was delayed due to civil unrest in the country and to the absorption of the former debt office structure (i.e. CAADE) into the Ministry of Finance. After agreeing on a new DMFAS project, discussions are ongoing between UNCTAD and the Ministry of Finance to seek funding for a new DMFAS project in Bangui. Several meetings between UNCTAD and the country's debt department took place in the year, during regional seminars and during the DMFAS Advisory Group meeting. Official funding requests have been submitted to UNDP and to the Arab Bank for Economic Development in Africa. Other donors are being approached.

Problems encountered:**Planned activities:**

Fund raising for a new project and start of activities in 2004.

CHAD

DMFAS start date: 2000

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Government of Chad

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (February 2001)

Previous: –

System environment: Windows NT – Local area network

Version language: French

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in a DMFAS/Pôle Dette workshop on IT Training and Advanced Browser Functionalities, in Brazzaville, in October.
- UNCTAD sent IT experts to the Ministry to validate the working order of the DMFAS system and to train new local IT staff in database maintenance, in April.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

A project evaluation mission in May/June 2004.

CHILE

DMFAS start date: 2003

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Central Bank of Chile

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (February 2003)

Previous: –

Version language: Spanish

System environment: UNIX – Local area network; Windows - Workstations

Link with other system: No

System operational status:

- System installed, database being developed.

Activities in 2003:

- Installation of DMFAS 5.2, in February.
- Staff trained in the use of DMFAS, in March.
- Special adaptations programmed and prepared for managing syndicated loans.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

- Further definition and enhancement of adaptations was required. A meeting to resolve this issue took place with a staff member from the Central Bank, in Geneva, in November.

Planned activities:

- Installation of and training in DMFAS 5.3 in February 2004. This will follow conversion of the database from version 5.2 to version 5.3.
- Preparation and implementation of an interface with other systems.
- Technical seminar and evaluation mission.

COLOMBIA

Project start date: 2001**No. of projects to date:** 2**Current project status:** Closed**Funding source:**

Current: –

Previous: World Bank loan

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (June 2000)

Previous: –

Version language: Spanish**System environment:** Sun Solaris server – Local area network**Link with other system:** No**System operational status:**

System installed, but not used.

Activities in 2003:**If no activities in 2003, last activity:**

The programme undertook a mission to Bogota in May 2002, a) to revise, finalize and approve a document on the Ministry's system requirements; b) to discuss the adoption of different types of technologies (web-enabled and internet computing); c) to revise system modalities and coordinate work plans and d) to agree on information formats for the technical design of the database. The document, which outlines the adaptation of DMFAS to meet the Ministry's requirements, was signed by both the Ministry and UNCTAD. As it was agreed that the technical aspects of this adaptation needed further definition, an aide memoire was drafted to this effect.

Problems encountered:**Planned activities:**

For a number of reasons internal to the Ministry of Finance, in late 2002 it decided to continue the development of its own debt management system, rather than use DMFAS, and asked UNCTAD to close the project. Even so, the DMFAS programme is satisfied to have contributed to the strengthening of the Ministry's debt management capacity. In accordance with the wishes of the Ministry, possible future collaboration in the field of debt management between the two institutions remains open.

CONGO (REPUBLIC OF THE)

DMFAS start date: 2003**No. of projects to date:** 1**Current project status:** Active**Funding source:** IDA

User institution(s): Caisse Congolaise d'Amortissement

DMFAS version installation(s): –

Version language: –

System Environment: Windows – Local area network

Link with other system: No

System operational status: Awaiting installation

Activities in 2003:

- A new (and first) project document was signed in September. Funding was secured through IDA's *Projet de Renforcement des Capacités de Transparence et de Gouvernance*.
- Participation in a DMFAS/Pôle Dette workshop on IT Training and Advanced Browser Functionalities, in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

Project activities will effectively start early 2004. They will include an IT training workshop in Gabon during the first quarter of 2004, and installation of DMFAS 5.3 and training in its use, during the second quarter.

COSTA RICA

DMFAS start date: 1988

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Central Bank

Previous: –

User institution(s): Central Bank; Ministry of Finance

DMFAS version installation(s):

Current: 5.2 in CB (August 2000)

Previous: 5.1 in CB (March 1999)

Note:

The Ministry of Finance has reading-access only.

Version language: Spanish

System environment: Novell – Local area network

System operational status:

- Database regularly kept up to date and validated (Central Bank);
- System used for monitoring and internal reporting (Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Central Bank).

Note:

The Central Bank uses the automatic bridge between DMFAS and DRS, the World Bank's Reporting System.

Link with other system: No

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

A project evaluation/needs assessment mission to Costa Rica, in February 2004. The Government of Costa Rica has decided to transfer the DMFAS system from the Central Bank to the Treasury Department of the Ministry of Finance in February 2004. This activity falls under a project on debt management and on the creation of capital markets, financed by the World Bank, which foresees the restructuring of the Government's institutions and a reorganization of its responsibilities. UNCTAD will assist the Government in this transfer. UNCTAD has also put forward a proposal that the DMFAS system be upgraded to its latest version, DMFAS 5.3.

CÔTE D'IVOIRE

DMFAS start date: 1998**No. of projects to date:** 1**Current project status:** Closed**Funding source:**

Current: –

Previous: Swiss Trust Fund

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (June 2001)

Previous: 5.1.2 (February 2000)

Version language: French**System environment:** Windows NT – Local area network**Link with other system:** Yes**Note:**

Link with SIGFIP-ASTER.

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in a DMFAS/ Pôle Dette workshop on DMFAS reporting facilities, in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- The National Debt Division is using accounting software called ASTER, developed by the French Ministry of Cooperation within the framework of its Integrated Financial Applications Programme. A link between this software, DMFAS and another software, called SIGFIP, developed for government expenditures, was originally planned for 2003 but is now planned for 2004.
- The National Authorities are looking for funds in order to prepare a new project for the installation of DMFAS 5.3 in 2004.

DJIBOUTI

DMFAS start date: 1986**No. of projects to date:** 2**Current project status:** Active**Funding source:**

Current: World Bank grant

Previous: UNDP

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (January 2003)

Previous: 4.1 Plus (January 1987)

Version language: French**System environment:** Windows 2000 – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting.

Activities in 2003:

- A new project aimed at strengthening the capacity of the Ministry's newly created debt management unit (DFE) began in January 2003. A DMFAS 5.2 technical installation and training mission was fielded to Djibouti the same month, followed by the implementation of three DMFAS functional training missions during the year for a total of 10 man-weeks. The debt database has been successfully elaborated and partially validated.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

A final tripartite evaluation mission will be undertaken in 2004 to take stock of project activities and to discuss with the relevant authorities the elaboration of a possible second project meant to build upon the success of the first by reinforcing the Ministry's analytical debt management capacity.

Start date: 1996

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Government of the Dominican Republic and IDB

Previous: –

User institution(s): Central Bank and the Secretariat of State of Finance

DMFAS version installation(s):

Current: 5.2 in CB (June 2000)

Previous: 5.1.2 in CB (November 1999)

Version language: Spanish

System environment: UNIX – Local area network

Link with other system: No

Note:

Link with IFMS is planned for 2004/2005.

System operational status:

- System installed, database being developed (Secretariat of State of Finance);
- Database regularly kept up to date and validated (Central Bank);
- System used for monitoring and internal reporting (Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Central Bank).

Activities in 2003:

- A new project document was signed between the Secretariat of State of Finance and UNCTAD in October. Within the framework of this project, a mission was fielded in order to install DMFAS 5.2 in the Secretariat and train staff in its use, in November. The mission also updated the already existing installation in the Central Bank.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- An IT needs assessment mission, in February 2004.
- A mission will be fielded to Santo Domingo to provide advanced user training in DMFAS 5.2 during February/March 2004.
- Basic and advanced training in DSM+, in May/June 2004.
- Installation of DMFAS 5.3 in both the Secretariat of State of Finance and in the Central Bank, in July 2004. This will follow conversion of the database from version 5.2 to version 5.3. Both technical and functional training will also be provided. After the installation of the new version, a workshop on the replication of the two databases (Secretariat of State of Finance and Central Bank) will take place and a replication mechanism will be implemented. Furthermore, activities for the development of a link with the integrated financial management system will begin.

ECUADOR

DMFAS start date: 1995

No. of projects to date: 2

Current project status: Closed

Funding source:

Current: –

Previous: Government of Ecuador, Government of Japan, International Bank for Reconstruction and Development

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and CB (July 2000)

Previous: 5.1 in MoF and CB (July 1998)

Version language: Spanish

System environment: Windows NT – Local area network

Link with other system: Yes

DMFAS has been successfully integrated with Ecuador's integrated financial administration system (SIGEF). Technicians from the SIGEF project (MOSTA) and from the Ministry of Finance developed the interface.

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance and Central Bank).

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

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

Planned activities:

A needs assessment mission in 2004. The Government has requested UNCTAD to prepare a proposal on upgrading to DMFAS 5.3.

EGYPT

DMFAS start date: 1986

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Government of Egypt

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (April 2001), 4.1 Plus (January 1990)

Previous: 5.0 (October 1996)

Note:

Egypt is using a customized version of DMFAS 4.1 and DRES (debt-rescheduling system), which allows for the country's special terms for debt rescheduling to be automatically taken into account. DMFAS 4.1 is running in parallel with DMFAS 5.2, due to the fact that the latter does not handle the specific terms for debt rescheduling.

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

Installation of DMFAS 5.3.

EL SALVADOR

DMFAS start date: 1988

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Government of El Salvador

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (May 2000)

Previous: 5.1 (January 1999)

Version language: Spanish

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- DSM + operational: staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:**If no activities in 2003, last activity:**

An UNCTAD consultant was sent to El Salvador in 2001 to analyse technical problems and recommend solutions. This led to the problems being resolved that year.

Problems encountered:**Planned activities:**

- A needs assessment mission in June 2004.
- Installation of and training in DMFAS 5.3 in June 2004. This will follow conversion of the database from DMFAS 5.2 to version 5.3.
- The Ministry of Finance is interested in reinforcing itself with an ambitious and more equipped analysis unit. Eventually, it will require assistance with DSM+ and related activities.
- Integration of DMFAS with the national financial administration system (SAFI) is being considered.

ETHIOPIA

DMFAS start date: 1988**No. of projects to date:** 3**Current project status:** Active**Funding source:**

Current: UNDP (original project), Swiss Trust Fund (two extensions)

Previous: –

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 4.1 Plus (January 1988)

Previous: –

Version language: English**System environment:** Unisys – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting.

Activities in 2003:

A project proposal for further capacity building in debt management for the Ministry of Finance was written and presented to the Dutch Government for Funding. An answer is expected early 2004.

Problems encountered:

DMFAS 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:

Installation of and training in DMFAS 5.2.

GABON

DMFAS start date: 2001**No. of projects to date:** 1**Current project status:** Active

Funding source:

Current: Government of Gabon

Previous: –

User institution(s): Ministry of Finance, Economy, Budget and Participations

DMFAS version installation(s):

Current: 5.2 (September 2001)

Previous: –

Version language: French

System environment: Windows NT – Local area network

Database version:

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- DSM+ operational: staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- A DSM+ introductory training mission, in August.
- Participation in a DMFAS/Pôle Dette workshop on DMFAS reporting facilities, in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

- Installation of and training in DMFAS 5.3. This will follow conversion of the database from version 5.2 to version 5.3, in May.
- Advanced training in DSM+, in May 2004.

GEORGIA

DMFAS start date: 1998

No. of projects to date: 2

Current project status: Active

Funding source:

Current: UNDP

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (May 2000)

Previous: 5.1 (January 1999)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- DSM+ operational: staff have received advanced training in the use of DSM+ for debt analysis.

Activities in 2003:

- A new project document was drafted by UNDP following a tripartite review, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

GUATEMALA

DMFAS start date: 1988**No. of projects to date:** 2**Current project status:** Active**Funding source:**

Current: World Bank loan

Previous: –

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (September 2001)

Previous: 5.1.2 (1999)

Version language: Spanish**System environment:** UNIX – Local area network**Link with other system:** Yes**Note:**

Link with the integrated financial management system SIAF-SAG.

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- DSM + operational: staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

GUINEA-BISSAU

DMFAS start date: 1997

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Swiss Trust Fund

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: Version 5.0 (September 1997)

Previous: –

Version language: French

System environment: N/A

Link with other system: No

System operational status:

System was installed but destroyed.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

The original DMFAS installation was destroyed because of armed conflict in the country, and its re-installation has not yet been possible for financial support reasons. Due to a coup d'état in 2003, the project has once again been postponed. UNCTAD will continue its close communication with the UNDP Resident Coordinator in Guinea-Bissau and will prepare another installation mission as soon as the conditions permit.

Planned activities:

Details on implementing the project activities (hopefully during 2004) were discussed during the week of the DMFAS Advisory Group meeting in Geneva, in November. A DMFAS re-installation mission is on hold until further notice.

HAITI

DMFAS start date: 1985

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Inter American Development Bank

Previous: UNDP

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (November 2002)

Previous: 5.1 (January 1999)

Version language: French

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

The institution is interested in DMFAS 5.3 and is looking for resources in order to finance new activities.

HONDURAS

DMFAS start date: 1988

No. of projects to date: 3

Current project status: Active

Funding source:

Current: –

Previous: World Bank, Inter American Development Bank, Swiss Trust Fund

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF (October 2000)

Previous: 5.1.2 in MoF (October 1999)

Note:

The Central Bank is connected to the Ministry of Finance's database by network.

Version language: Spanish

System environment: Windows NT – Local area network

Link with other system: No

Note:

Link with IFMS (SIAFI) is currently under development.

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance and Central Bank).

Activities in 2003:

- UNCTAD conducted functional and technical training workshops in DMFAS 5.2 for staff from the Ministry of Finance and the Central Bank, in August/September. For the Ministry, this re-training was necessary due to its high staff rotation.
- An UNCTAD consultant on secondment from the Bolivian MOF conducted a needs assessment mission in the Ministry of Finance for the integration of DMFAS with the SIAFI, in November/December.
- UNCTAD conducted a project evaluation/needs assessment mission in September and submitted a proposal for a new project on implementing DMFAS 5.3.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

- Installation of and training in DMFAS 5.3 in 2004, including conversion of the database on private debt from version 4.1Plus to 5.3.
- Various training activities including training in DSM+ and in debt statistics during 2004.
- Integration of the DMFAS with the SIAFI.
- A project evaluation mission.

INDONESIA

DMFAS start date: 1988**No. of projects to date:** 3**Current project status:** Active**Funding source:**

Current: Australian Agency for International Development (Ministry of Finance)
Bank Indonesia (Central Bank)

Previous: UNDP (Ministry of Finance)

User institution(s): Ministry of Finance; Central Bank**DMFAS version installation(s):**

Current: 5.2 in MoF (October 2000)

Previous: 4.1 Plus in MoF (January 1988)

Version language: English**System environment:** Windows NT – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated (Ministry of Finance);
- System used for monitoring and internal reporting (Ministry of Finance);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance).

Note:

The DMFAS has not yet been installed at the Central Bank as complex pre-conversion activities are being undertaken first in preparation for the final installation of the converted data originating from Bank Indonesia's own-built debt management system.

Activities in 2003:

- The DMFAS programme undertook its last mission within the framework of the current project at the Ministry of Finance, in April-May. Its objective was to provide advanced training in DMFAS, to finalize a study on the institutional aspects of debt management within the Ministry and to elaborate a draft project extension document.
- A delegation from the Central Bank undertook a weeklong mission to UNCTAD in May to evaluate the DMFAS system and to discuss modalities of cooperation between the two institutions. Follow-up discussions lead to the quick elaboration of a final project document for the installation of the DMFAS within the Bank. The project also included complex conversion activities of the existing debt data within the Bank.
- A senior DMFAS consultant undertook a one-month mission in November to Jakarta to finalize the project extension document for the Ministry of Finance (mentioned above) and to elaborate a new project aimed at improving the debt disbursement flows within and between the Ministry of Finance and BAPPENAS (Indonesia's Central Planning Agency) to be financed by the Asian Development Bank.
- Participation (Ministry of Finance and Bank Indonesia) in UNCTAD's Inter-regional Debt Management Conference in Geneva, in November 2003. In parallel, the delegation from the Central Bank officially signed the above-mentioned project document.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

- Implementation of the numerous activities planned within the Central Bank project document, including the tasks linked to the conversion of the existing Bank database, the installation of and training in DMFAS 5.2, and DMFAS training activities.
- Finalize and obtain approval of the relevant co-implementing institutions for the Ministry of Finance project extension document.
- Finalize and obtain approval of the relevant co-implementing and financing institutions for the new project document aimed at improving debt disbursement flows within and between the Ministry of Finance and BAPPENAS.

ISLAMIC REPUBLIC OF IRAN

DMFAS start date: 1997**No. of projects to date:** 1**Current project status:** Active**Funding source:**

Current: World Bank grant

Previous: –

User institution(s): Central Bank**DMFAS version installation(s):**

Current: 5.2 (July 2000)

Previous: 5.0 (September 1997)

Version language: English**System environment:** Windows NT – Local area network**Link with other system:** No**Note:**

The Ministry of Finance uses the automatic bridge between DMFAS and the World Bank's Debtor Reporting System (DRS).

Operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Note:

A special module called Foreign Documentary Credits (FODOC) has been developed for Iran. The module became operational in June 2001.

Problems encountered:**Planned activities:**

JORDAN

DMFAS start date: 1998**No. of projects to date:** 1**Current project status:** Active**Funding source:**

Current: Swiss Trust Fund

Previous: –

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (April 2000)

Previous: 5.1 (June 1999)

Version language: English**System environment:** Windows NT – Local area network**Link with other system:** No**Database version:****Operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- DSM+ operational: staff have received training in the use of DSM+ for debt analysis.

Activities in 2003:

- Representatives of the Jordanian Ministry of Finance received introductory DSM+ training in Amman in June.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

Additional DSM+ training during 2004.

KAZAKHSTAN

DMFAS start date: 1996

No. of projects to date: 2

Current project status: Active

Funding source:

Current: World Bank loan

Previous: US Agency for International Development

User institution(s): Ministry of Finance; Central Bank; Eximbank

DMFAS version installation(s):

Current: 5.1 in MoF and CB (January 1999) and in Eximbank (September 1999)

Previous: 5.0 in MoF, CB and Eximbank (May 1996)

Note:

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

Version language: Russian

System environment: Windows NT – Wide area network

Link with other system: No

System operational status:

- System installed, but not used (Central Bank and Eximbank);
- Database regularly kept up to date and validated (Ministry of Finance);
- System used for monitoring and internal reporting (Ministry of Finance);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance).

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Note:

The Ministry of Finance is developing its own debt management system.

Problems encountered:

Problems in the Central Bank and Eximbank in link to the Ministry of Finance.

Planned activities:

LEBANON

DMFAS start date: 1993

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –

Previous: World Bank loan

User institution(s): Central Bank; Ministry of Finance; Council for Reconstruction and Development (CRD)

DMFAS version installation(s):

Current: 5.2 in MoF (June 2001) and in CB and CRD (August 2001)

Previous: 5.1 in CB, MoF and CRD (October 1998)

Note:

The Ministry of Finance and CRD have a “read-only” installation.

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance, Central Bank and CRD);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance, Central Bank and CRD);
- DSM + operational: Staff have received basic training in the use of DSM+ for debt analysis (Central Bank).

Activities in 2003:

- Participation in UNCTAD’s Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Note:

An official from the Central Bank is regularly employed as a consultant to implement DMFAS in other countries, including Djibouti, the Islamic Republic of Iran, Jordan, Madagascar, Sudan and Viet Nam.

Problems encountered:**Planned activities:**

Data replication between the three institutions through a wide area network is being considered. This matter and others will be discussed during a planned evaluation mission by the DMFAS Programme to be undertaken in the second semester of 2004.

LITHUANIA

DMFAS start date: 1999

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Government of Lithuania

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (March 2001)
Previous: 5.1.1 (August 1999)

Version language: English**System environment:** Novell 5 – Local area network**Link with other system:** No**Operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

MADAGASCAR

DMFAS start date: 2001**No. of projects to date:** 1**Current project status:** Active**Funding source:**

Current: UNDP
Previous: –

User institution(s): Central Bank**DMFAS version installation(s):**

Current: 5.2 (July 2001)
Previous: –

Version language: French**System environment:** Windows NT – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- A technical training workshop on DMFAS system maintenance and advanced report generating procedures will take place for Central Bank and Treasury officials in Geneva during the first semester of 2004.
- An end-of-project evaluation mission by the DMFAS central team will take place in Antananarivo at the end of 2004.

MAURITANIA

DMFAS start date: 1995**No. of projects to date:** 1**Current project status:** Closed**Funding source:**

Current: –

Previous: Swiss Trust Fund

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (August 2000)

Previous: 5.1.2 (November 1999)

Version language: French**System environment:** Novell Netware – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Representatives from the Ministry received advanced training in DMFAS 5.2 reporting facilities, in Geneva, in August.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

- Database validation mission, in June 2004.
- Training in DMFAS 5.3, in Geneva, in June 2004.
- DSM+ training, in September 2004.

MONGOLIA

DMFAS start date: 2001**No. of projects to date:** 1**Current project status:** Active

Funding source:

Current: World Bank loan

Previous: –

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF (September 2002)

Previous: –

Note:

The Central Bank has reading-access only.

Version language: English

System environment: Windows NT – Local area network (with dial-up connection to the Central Bank)

Link with other system: No

Note:

The Central Bank uses the automatic bridge between DMFAS and the World Bank's Debtor Reporting System (DRS).

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance);
- DSM+ operational: staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

Possible UNCTAD involvement in the implementation of a national integrated financial management system.

NICARAGUA

DMFAS start date: 1988

No. of projects to date: 3

Current project status: Closed

Funding source:

Current: -

Previous: Swiss Trust Fund

User institution(s): Ministry of Finance and Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and CB (July 2000)

Previous: 5.1 in MoF and CB (July 1998)

Version language: Spanish

System environment: Windows – Local area network

Link with other system: No

System operational status:

- Database regularly kept up-to-date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance and Central Bank).

Note:

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

Activities in 2003:

- An UNCTAD mission to Nicaragua took place in February 2003, in order to assess the needs for further technical cooperation and evaluate the need for a new project. The latter being the case, a project document has been prepared and submitted to the Government and to a potential donor.
- Nicaraguan IT personnel developed a replication mechanism between the Central Bank and the Ministry of Finance giving the Ministry "read-only" access to the external debt database.

Problems encountered:

The Ministry of Finance suffers from high staff rotation, which has resulted in a loss of staff trained in the use of DMFAS 5.2.

Planned activities:

- To interface the Nicaraguan Financial Administration System (SIGFA) with DMFAS in 2004, if funds can be secured.
- To integrate SIGFA, the databases of the Ministry of Finance and the Central Bank with each other. This will provide the Government with up-to-date information on its public debt, facilitate financial management and improve its capacity to monitor public debt.
- To integrate DMFAS with the Central Bank's internal accounting system, currently being finalized by the Bank's IT staff.
- Installation of DMFAS version 5.3 in both institutions, and training in its use, if funds can be secured. UNCTAD is preparing a new project proposal to this effect.
- Training activities in debt statistics and analysis.

PAKISTAN

DMFAS start date: 1985

No. of projects to date: 2

Current project status: Closed

Funding source:

Current: Asian Development Bank (ADB)

Previous: UNDP

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (June 2001)

Previous: 5.1 (March 1999)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

Note:

In 1996, DMFAS was integrated with the Pakistani aid-management system, which is used to coordinate the aid programmes of the various donors and to manage more effectively the implementation of aid-funded projects. This link is no longer functioning.

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- DSM+ operational: Staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Delays in the elaboration of a new project at the Ministry of Finance due to different legal interpretations of several of the clauses in the ADB project document format between UNCTAD and ADB Manila.

Planned activities:

Finalization of the elaboration of a new debt management project, to be financed by the ADB.

PALESTINIAN AUTHORITY

DMFAS start date: 2000

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Government of Norway

Previous: –

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (November 2001)

Previous: –

Version language: English

System environment: Windows NT – Local area network

Database version:

Link with other system: No

System operational status:

Database regularly kept up to date and validated.

Activities in 2003:

A high-level debt adviser undertook a two-week mission to Gaza to discuss with staff from the Ministry of Finance a report on recommended organizational and procedural changes to the Ministry's debt unit, in February. The report was finalized in Geneva and forwarded to the Minister of Finance for comments.

Problems encountered:

- Owing to the security situation, project management experienced several delays and project missions were not able to enter Gaza and the West Bank as planned.
- No comments have yet been received from Gaza on the presented report. Neither has a date been set for a proposed retreat to discuss the recommendations of this report.

Planned activities:

A retreat will be organized in Gaza or in a neighbouring country to discuss the mandate, organizational structure and staffing of the Palestinian Debt Office, security permitting. The Minister of Finance and other key officials involved in debt management in the Palestinian Authority will participate.

PANAMA

DMFAS start date: 1996

No. of projects to date: 2

Current project status: Active

Funding source:

Current: Inter American Development Bank loan

Previous: Inter American Development Bank loan

User institution(s): Ministry of Economy

DMFAS version installation(s):

Current: 5.2 (May 2000)

Previous: 5.1 (July 1999)

Version language: Spanish

System environment: Novell – Local area network

Link with other system: Yes

Note:

The Ministry established a link between DMFAS and the Panamanian Integrated Financial Administration System (SIAFPA) in 1998, which integrates treasury, budget and accounting activities. It is currently being reviewed to take into account the on-going restructuring of the Ministry of Economy, and the implementation of version 5.3.

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications;
- Staff have received basic training in DSM+ for debt analysis.

Activities in 2003:

- A consultant undertook four missions in order to examine institutional and legal issues regarding the integration of domestic debt management into the debt office, between May and August. He proposed an organizational structure which integrates external and domestic debt management and creates an analysis unit. He also prepared a procedures manual, established job descriptions and examined the situation regarding the integration with SIAFPA.
- A 3- week DSM+ workshop took place in the Ministry of Economy, in September.
- Panamanian requirements for bonds and securities management were taken into account in the development of DMFAS 5.3.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.

- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- Installation of and training in DMFAS 5.3 early 2004. This will follow conversion of the database from DMFAS 5.2 to DMFAS 5.3.
- Implementation of data validation mechanisms.
- Revision of the DMFAS link with the SIAFPA.
- Follow-up DSM+ workshop, in May/June 2004.
- Project evaluation mission, in November 2004.

PARAGUAY

DMFAS start date: 1995

Number of projects to date: 1

Current project status: Active

Funding source:

Current: Inter American Development Bank loan

Previous: –

User institution(s): Ministry of Finance; Central Bank; Ministry of Planning

DMFAS version installation(s):

Current: 5.2 in MoF (July 2000)

Previous: 5.1 in MoF (June 1999)

Note:

The Ministry of Planning and the Central Bank are connected to the DMFAS installation in the Ministry of Finance, and share the database located in the Ministry of Finance.

Version language: Spanish

System environment: Unix – Wide area network

Note:

DMFAS was linked to the metropolitan network of the public sector, a wide area network using fibre-optic cables, in 1996. 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.

Link with other system: No

Note:

Link with IFMS currently under development.

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance, Central Bank and Ministry of Planning);
- System used for monitoring and internal reporting (Ministry of Finance, Central Bank and Ministry of Planning);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance, Central Bank and Ministry of Planning);
- Staff have received basic training in the use of DSM+ for debt analysis (Ministry of Finance and Central Bank).

Activities in 2003:

If no activity in 2003, last activity:

A country delegation participated in the DMFAS Advisory Group meeting in Geneva, in September 2002.

Problems encountered:**Planned activities:**

- Needs assessment mission during 2004.
- Development of a link for the integration of DMFAS into the integrated public resource management system (SIIF).

PERU

DMFAS start date: 1998**No. of projects to date:** 1**Current project status:** Closed**Note:**

The Ministry of Economy and Finance decided to abandon the project and it was closed in 2000.

Funding source:

Current: –

Previous: Swiss Trust Fund and a Japanese Government grant (administrated by the World Bank and UNDP)

User institution(s): Ministry of Economy and Finance**DMFAS version installation(s):**

Current: 5.0 (June 1998)

Previous: –

Version language: Spanish**System environment:** Local area network**Link with other system:** No**System operational status:**

System installed, but not used.

Activities in 2003:**If no activity in 2003, last activity:**

In 2000, an independent UNCTAD consultant undertook an evaluation mission to the Ministry of Economy and Finance to assess the reasons for the abandonment of the project by the Ministry.

Problems encountered:

- The responsible officials and project personnel left the Ministry shortly before the project was completed. The new responsible officials decided to abandon the project and develop the Ministry's internal debt management system instead.
- The project was closed in 2000 and the remaining funds were reimbursed to the donors.

Planned activities:

PHILIPPINES

DMFAS start date: 1987**No. of projects to date:** 2**Current project status:** Closed

Funding source:

Current: –
Previous: UNDP

User institution(s): Bureau of the Treasury (Ministry of Finance)

DMFAS version installation(s):

Current: 5.2 (December 2000)
Previous: 5.1.2 (September 1999), 5.2 (December 2000)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational Status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- A two-day technical support mission was undertaken to the Bureau of the Treasury to fine-tune the migration of the DMFAS installation on a new server and to provide additional technical training in December.

Problems encountered:**Planned activities:**

- Discussions are ongoing to elaborate a new project to build upon the success of the previous UNDP-financed one. This extension would finance activities intended to integrate the DMFAS database with the Bureau of Treasury's other financial systems.
- Separately, the Central Bank is looking into whether it should install DMFAS in its International Operations Department.

REPUBLIC OF MOLDOVA

DMFAS start date: 1997

No. of projects to date: 2

Current project status: Closed

Funding source:

Current: –
Previous: UNDP

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and CB (July 2000)
Previous: 5.1 in MoF and CB (August 1998)

Note:

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

Version language: Russian in MoF and English in CB

System environment: Novell – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance and Central Bank).

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- A new project document for the implementation of DMFAS 5.3 was drafted at the request of the Ministry of Finance.

Problems encountered:

Planned activities:

Possible new project (see above), funded by UNDP.

ROMANIA

DMFAS start date: 1993

No. of projects to date: 2

Current project status: Closed

Funding source:

Current: –

Previous: World Bank

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and CB (October 2000)

Previous: 5.1.1 in MoF and CB (1999)

Version language: English

System environment: Windows NT – Wide area network

Link with other system: No

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.

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance and Central Bank);
- DSM + operational: staff have received basic training in the use of DSM+ for debt analysis (Ministry of Finance and Central Bank).

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

The grant module is not fully implemented.

Planned activities:

- Installation of and training in DMFAS 5.3. This will follow conversion of the database from version 5.2 to version 5.3, in September.
- Interest in further DMFAS activities includes grant recording at the Ministry of Finance, DSM+ training and possibly risk management at the Central Bank.
- The Ministry of Finance has also shown strong interest in linking DMFAS with other integrated financial management systems.
- A project document (maintenance agreement with activities) is ready for signature.

RWANDA

DMFAS start date: 1990

No. of projects to date: 3

Current project status: Closed

Funding source:

Current: –
Previous: UNDP

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and Central Bank (November 2000)
Previous: 5.1.2 in MoF (June 1999)

Version language: French

System environment: Local area network: Windows NT in the Ministry of Finance, single-user installation in the National Bank

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance);
- System used for publication of statistical bulletin and/or other periodical publications (Ministry of Finance);
- DSM + operational: staff have received basic training in the use of DSM+ for debt analysis (Ministry of Finance).

Activities in 2003:**If no activities in 2003, last activity:**

- A country delegation participated in the DMFAS Advisory Group meeting in Geneva, in September 2002.
- Participation in a workshop on the preparation of statistical bulletins in Nairobi, Kenya, in November 2002.

Problems encountered:**Planned activities:**

A new project document has been drafted, which includes the installation of a multi-users local area network in the National Bank of Rwanda, its connection and training of staff from both institutions on the new functionalities of the system.

SAO TOME AND PRINCIPE

DMFAS start date: 1997**No. of projects to date:** 1**Current project status:** Closed**Funding source:**

Current: –

Previous: UNDP, Government of Portugal

User institution(s): Ministry of Finance; Central Bank**DMFAS version installation(s):**

Current: 5.0 in MoF and CB (June 1997)

Previous: –

Version language: French**System environment:** Single-user platform**Link with other system:** No**System operational status:**

System installed, but not used (Ministry of Finance and Central Bank).

Activities in 2003:

- A DMFAS evaluation mission visited the country in April. A new DMFAS project has been elaborated and agreed upon with the Authorities. Funding for the project is currently being sought.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

Secure funding for a new project and start of activities.

SENEGAL

DMFAS start date: 1997**No. of projects to date:** 1**Current project status:** Closed**Funding source:**

Current: –

Previous: Swiss Trust Fund

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.0 (January 1997)

Previous: –

Version language: French

System environment: Novell – Local area network

Link with other system: No

System operational status:

System installed, but not used.

Note:

Switzerland closed the previous project.

Activities in 2003:

Participation in a DMFAS/Pôle Dette workshop on DMFAS reporting facilities, held in Brazzaville, Republic of Congo, in October.

Problems encountered:

The National Authorities are using their own software despite the DMFAS installation.

Planned activities:

SUDAN

DMFAS start date: 1998

No. of projects to date: 1

Current project status: Active

Funding source:

Current: African Development Bank

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (February 2001)

Previous: 5.1 (February 1999)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

Operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- Training in statistics and DSM+ in January/February 2004.
- A new project proposal for capacity building in the External Debt Unit of the Bank of Sudan is being finalized and will be presented to the government of Norway for possible funding. Norwegian interest in the project, however, depends on the signing of a peace agreement between the parties to the on-going civil war.

SYRIAN ARAB REPUBLIC

DMFAS start date: 2001

No. of projects to date: 1

Current project status: Active

Funding source:

Current: World Bank, UNDP

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2.1 (June 2002)

Previous: –

Version language: English

System environment: Novell 5 – Local area network

Database version:

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- DSM+ operational: staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- A tripartite meeting was held in Damascus in June.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:

Planned activities:

- Installation of and training in a DMFAS 5.3 (Arabic version), in March 2004. This will follow conversion of the database from version 5.2 to version 5.3.

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA

DMFAS start date: 1999

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –
Previous: UNDP

User institution(s): Central Bank**DMFAS version installation(s):**

Current: 5.1.2 (October 1999)
Previous: –

Version language: English**System environment:** Windows NT – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publications.

Activities in 2003:**If no activity in 2003, last activity:**

A DMFAS 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**No. of projects to date:** 3**Current project status:** Active**Funding source:**

Current: UNDP
Previous: UNDP

User institution(s): Ministry of Finance**DMFAS version installation(s):**

Current: 5.2 (February 2001)
Previous: 4.1 Plus (January 1990)

Version language: French**System Environment:** Windows – Local area network**Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- DSM+ operational: Staff have received basic training in the use of DSM+ for debt analysis.

Activities in 2003:

- A study tour to the Ministry of Finance of Morocco took place in April.
- A new DMFAS project, funded by UNDP, became effective as of 1st September 2003. This new project will strengthen capacities in the areas of statistics, debt portfolio analysis and debt sustainability analysis. It also foresees the creation of a payment module and the integration of the DMFAS with the Government's financial administration system RIADEF (Réseau Informatisé pour l'Analyse et la Gestion Macro-économique).
- Participation in a DMFAS/Pôle Dette workshop on IT Training and Advanced Browser Functionalities, in Brazzaville, in October.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Planned activities:

Under the new project, three training missions are planned for 2004; on database validation, debt statistics and reporting; on debt portfolio analysis and on more advanced DSM+ training.

TRINIDAD AND TOBAGO

DMFAS start date: 1985**No. of project to date:** 2**Current project status:** Active**Funded by:**

Current: UNDP (original project), Government of Trinidad and Tobago (extension)

Previous: –

User institution(s): Ministry of Finance and Central Bank**DMFAS version installation(s):**

Current: 5.1 (June 1999)

Previous: 4.1 Plus (March 1994)

Version language: English**System environment:** Windows NT – Single-user platform**Link with other system:** No**Operational status:**

- Awaiting installation (Ministry of Finance);
- Database regularly kept up to date and validated (Central Bank);
- System used for monitoring and internal reporting (Central Bank).

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- A new project document for the installation of DMFAS 5.3 in the Ministry of Finance was signed. The project will be funded by the Government.

Problems encountered:**Planned activities:**

Installation of DMFAS 5.3 in the Ministry of Finance.

TURKMENISTAN

DMFAS start date: 2001

No. of projects to date: 2

Current project status: Active

Funding source:

Current: UNDP

Previous: –

User institution(s): Central Bank

DMFAS version installation(s):

Current: 5.2 (June 2001)

Previous: –

Version language: Russian

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- UNCTAD sent a mission to update the system, to provide technical training to the IT staff and to provide an advanced training mission on user-defined reports, in November/December. During this period, an introduction to debt sustainability analysis and a presentation on DSM+ were also made.

Problems encountered:

Planned activities:

- An installation of the Russian version of 5.2 and training in its use, during the first semester of 2004.
- A new project document is under negotiation.

UGANDA

DMFAS start date: 1985

No. of projects to date: 3

Current project status: Closed

Funding source:

Current: –

Previous: UNDP (original project), Government of Uganda (first extension), World Bank (second extension)

User institution(s): Central Bank; Ministry of Finance

DMFAS version installation(s):

Current: 5.1.1 in CB (February 2000) and 5.1 in MoF (May 1996)

Previous: 5.1 in CB (June 1998)

Version language: English

System environment: Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Central Bank);
- DSM+ operational: staff have received advanced training in the use of DSM+ for debt analysis (Central Bank).

Activities in 2003:

- Representatives of the Government of Uganda participated in a joint MEFMI/UNCTAD /COMSEC/World Bank workshop on DSM+, in Maseru, in July.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- A project proposal was signed with the Ministry of Finance for an upgrade to DMFAS version 5.2.

Problems encountered:

Planned activities:

- Re-installation of DMFAS in the Treasury Department of the Ministry of Finance.
- An integrated financial management system.

UKRAINE

DMFAS start date: 1995

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –

Previous: UNDP

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.0 (November 1996)

Previous: 4.1 Plus (1995)

Version language: English

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

System installed, but not used.

Activities in 2003:

If no activity in 2003, last activity:

An installation and training mission took place in 1996.

Problems encountered:

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

Planned activities:

UZBEKISTAN

DMFAS start date: 1996

No. of projects to date: 1

Current project status: Closed

Funding source:

Current: –

Previous: UNDP

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.1 (September 1998)

Previous: –

Version language: Russian

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

System installed, but not used.

Activities in 2003:

If no activity in 2003, last activity:

An installation and training mission took place in 1998.

Problems encountered:

Planned activities:

VENEZUELA

DMFAS start date: 1998

No. of projects to date: 2

Current project status: Closed

Funding source:

Current: –

Previous: Government of Venezuela / World Bank loan

User institution(s): Ministry of Finance

DMFAS version installation(s):

Current: 5.2 (October 2000)

Previous: 5.1 (October 1998)

Version language: Spanish

System environment: Windows NT – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated;
- System used for monitoring and internal reporting;
- System used for publication of statistical bulletin and/or other periodical publication.

Activities in 2003:

- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Problems encountered:**Planned activities:**

- A training curriculum proposal has been submitted to the Ministry of Finance concerning the organization of several workshops on DSM+, data validation and on the preparation of statistical bulletins.
- A needs assessment mission will probably take place during the second and third quarter of 2004, given that the debt officer is interested in implementing 5.3 during 2004.

VIET NAM

DMFAS start date: 1996**No. of projects to date:** 4**Current project status:** Active (2)**Funding source:**

Current: Swiss Trust Fund, Australian Agency for International Development, UNDP

Previous: Asian Development Bank, UNDP, Swiss Trust Fund, IMF, UNCTAD

User institution(s): Ministry of Finance; Central Bank**DMFAS version installation(s):**

Current: 5.2 in MoF (November 2000) and in CB (June 2001)

Previous: 5.1.2 in MoF and CB (October 1999)

Version language: English**System environment:** Windows NT – Local area network**Link with other system:** No**System operational status:**

- System installed, database being developed (Central Bank);
- Database regularly kept up to date and validated (Ministry of Finance);
- System used for monitoring and internal reporting (Ministry of Finance).

Activities in 2003:

- Several missions took place within the framework of a new comprehensive project – "VIE/01/010 Capacity Development for Effective and Sustainable External Debt Management". This three-year project financed by Australia, Switzerland and UNDP, co-implemented by the Crown Agents and UNCTAD under the auspices of UNDP Hanoi, is intended to address a broad range of critical debt management issues, including institutional arrangements and debt strategy.
- Participation in UNCTAD's Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.

Planned activities:

Continuation of activities foreseen within VIE/01/010.

DMFAS start date: 1999

No. of projects to date: 1

Current project status: Active

Funding source:

Current: Government of Yemen

Previous: –

User institution(s): Central Bank (CB); Ministry of Finance (MoF), Ministry of Planning and International Cooperation (MoPIC)

DMFAS version installation(s):

Current: 5.2 in CB (October 2000), in MoF (November 2001) and MoPIC (September 2003)

Previous: 5.1.2 in CB (October 1999)

Note:

The MoF and MoPIC have “read-only” access.

Version language: English

System environment: Windows 98 – Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Central Bank);
- System used for monitoring and internal reporting (Central Bank);
- System used for publication of statistical bulletin and/or other periodical publication (Central Bank);
- DSM+ operational: staff have received basic training in the use of DSM+ for debt analysis (Central Bank, Ministry of Finance and Ministry of Planning).

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.

Activities in 2003:

- Re-installation of DMFAS version 5.2 in the Ministry of Finance, along with IT support provided both locally and from Geneva.
- Installation of DMFAS in the Ministry of Planning and Development.
- Creation of a link between the Central Bank, the Ministry of Finance and the Ministry of Planning and International Cooperation.
- A four month DMFAS training mission in the Central Bank of Yemen, the Ministry of Finance and the Ministry of Planning and International Cooperation.
- A project evaluation mission, in May.
- An introductory DSM+ training seminar, attended by representatives from all three institutions, in Sana’a, in June.
- Yemenite officials undertook a study tour to Lebanon to share their experience in debt management under a multi-institutional environment, in October.
- Participation in UNCTAD’s Fourth Inter-regional Debt Management Conference, in Geneva, in November.
- Participation in the Conference of the World Association of Debt Management Offices, in Geneva, in November.
- Participation in the Fourth DMFAS Advisory Group meeting, in Geneva, in November.
- An IT training seminar on data replication for a Yemenite delegation took place in Geneva, in December.

Planned activities:

- Training in DSM+, in Geneva, in March 2004.
- Final project evaluation mission and discussions on a follow-up project that would adapt the use of DMFAS in the three institutions according to their respective roles in national debt management.

ZAMBIA

DMFAS start date: 1986**No. of projects to date:** 2**Current project status:** Active**Funding source:**

Current: UNDP (original project), Government of Zambia (extension)

Previous: –

User institution(s): Ministry of Finance; Central Bank**DMFAS version installation(s):**

Current: 5.2 in MoF and CB (October 2000)

Previous: 5.1.2 in MoF (2000), and 5.1 in CB (January 2000)

Note:

4.1Plus temporarily used as backup in the Ministry of Finance due to difficulties with Oracle.

Version language: English**System environment:** Windows 2000 – Local area network**Database version:****Link with other system:** No**System operational status:**

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulleting and/or other periodical publication (Ministry of Finance and Central Bank);
- DSM+ operational: Staff have received basic training in the use of DSM+ for debt analysis (Central Bank).

Activities in 2003:

Representatives of the Government of Zambia participated in a joint MEFMI/UNCTAD /COMSEC/World Bank workshop on DSM+, in Maseru, in July.

Problems encountered:**Planned activities:**

Re-installation of DMFAS version 5.2 in the Ministry of Finance.

ZIMBABWE

DMFAS start date: 1986**No. of projects to date:** 2**Current project status:** Active

Funding source:

Current: UNDP (original project plus first extension), Government of Zimbabwe (second extension)

Previous: –

User institution(s): Ministry of Finance; Central Bank

DMFAS version installation(s):

Current: 5.2 in MoF and CB (November 2000)

Previous: 5.1.2 in MoF (October 1999) and in CB (January 2000)

Version language: English

System Environment: Local area network

Link with other system: No

System operational status:

- Database regularly kept up to date and validated (Ministry of Finance and Central Bank);
- System used for monitoring and internal reporting (Ministry of Finance and Central Bank);
- System used for publication of statistical bulletin and/or other periodical publications (Central Bank);
- Staff have received advanced training in the use of DSM+ for debt analysis (Central Bank).

Activities in 2003:

Representatives of the Government of Zimbabwe participated in a joint MEFMI/UNCTAD /COMSEC/World Bank workshop on DSM+, held in Maseru, Lesotho in July.

Problems encountered:**Planned activities:**

A joint MEFMI/UNCTAD mission on debt sustainability analysis, in May 2004.