DMFAS Presentation

Implementation of the Strategic plan 2016-2019
Implementation of the Strategic plan
2016-2019
I. Overview of the Strategic Plan

II. Results achieved at the end of the Strategic Plan
   i. Results achieved under objective 1
   ii. Results achieved under objective 2

III. Conclusions
DMFAS Clients

59 DMFAS user countries

86 DMFAS user institutions
Overview of the 2016-2019 Strategic Plan

**Overall development objective:**
Strengthen Governments’ capacity to manage their debt effectively and sustainably, in support of poverty reduction

<table>
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<th>Objective 1: Improve the technical and functional capacity of debt management offices to record, process monitor, report and analyse the country’s public debt</th>
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**Focus on comparative advantage:**
Downstream debt management

Central Government and subnationals of developing countries

Partner collaboration
Results achieved under objective 1

Objective 1. Improve the technical and functional capacity of debt management offices to record, process monitor, report and analyse the country’s public debt

**Improved debt coverage**
- 85 institutions / 58 countries (Base: 83 instit./56 countries; Target: 75%)
- 95% public & publicly guaranteed debt captured in DMFAS (Base: 78%)
- 70% domestic debt captured in DMFAS (Base: 63%; Target: 75%)
- DMFAS 6 used by 82% of countries (Base: 60%; Target: 85%)
- 15 Central Banks monitoring private external debt in DMFAS (Base: 15; Target: 18)

**Enhanced transparency and reporting**
- 89% reporting to the DRS (Base: 96%; Target: 97%)
- 89% of subscribers report to the QEDS (Base: 86%)
- 88% of subscribers effectively report to the QPDS (Base: 79%; Target: 83%)

**Facilitated debt analysis**
- 23 countries produce a DPR (Base: 19; Target: 25)
- 85% public & publicly guaranteed debt captured in DMFAS (Base: 78%; Target: 75%)
- 88% of subscribers report to the QEDS (Base: 86%)
- 88% of subscribers effectively report to the QPDS (Base: 79%; Target: 83%)
- DMFAS data for MTDS and DSA in all countries used (MTDS Base: 40; DSA Base: 41)
- 85 institutions / 58 countries (Base: 83 instit./56 countries; Target: 75%)
- 89% reporting to the DRS (Base: 96%; Target: 97%)
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- 88% of subscribers effectively report to the QPDS (Base: 79%; Target: 83%)
- DMFAS 6 used by 82% of countries (Base: 60%; Target: 85%)
- 15 Central Banks monitoring private external debt in DMFAS (Base: 15; Target: 18)

**Strengthened PFM integration**
- DMFAS integrated with budget, accounting, treasury in 23 countries (Base: 19; Target: 24)
- DMFAS data for MTDS and DSA in all countries used (MTDS Base: 40; DSA Base: 41)
- 85% public & publicly guaranteed debt captured in DMFAS (Base: 78%; Target: 75%)
- 89% reporting to the DRS (Base: 96%; Target: 97%)
- 89% of subscribers report to the QEDS (Base: 86%)
- 88% of subscribers effectively report to the QPDS (Base: 79%; Target: 83%)
- DMFAS 6 used by 82% of countries (Base: 60%; Target: 85%)
- 15 Central Banks monitoring private external debt in DMFAS (Base: 15; Target: 18)

**Improved operational risk management**
- 25 countries have a procedures manual (Base: 4; Revised target: 24)
- 25 countries have a disaster recovery plan (Base: 4; Revised target: 15)

**Enhanced debt management knowledge**
- 390 participants to 2017 Debt Conference (Base: 0; Target: 250 per conference)
- DMO staff from 52 countries trained (Base: 0; Target: 35)
Improved debt coverage

- **External debt coverage**: 95% of countries have complete central gvt. & gvt. guaranteed external debt database

- **Domestic debt coverage**: 70% of countries have complete domestic debt records
Improved transparency and reporting

40 countries produce regularly debt statistics bulletins

- **QEDS:**
  - 1 new reporting country
  - 89% reporting timely

- **QPSD**
  - 3 new reporting countries
  - 88% reported timely

- **DRS**
Improved debt analysis

Facilitated debt analysis:

- All DMFAS user countries where a MTDS or a DSA is performed use DMFAS data

- 23 countries produce a debt portfolio review regularly – challenge
**Improved integration & operational risk management**

**Strengthened integration:**
- 23 links with treasury or accounting systems
- 4 links with auction systems

**Strengthened operational risk management:**
- 21 countries have a disaster recovery plan for DMFAS servers
- 25 countries have a procedures manual
Objective 2:
Improve the capacity of the DMFAS Programme to deliver effective, efficient and sustainable responses to country needs

Enhanced DMFAS 6
- Seven DMFAS 6 releases
- Enhanced administration module (STED; PNED, debt securities recording)
- Enhanced data export features
- Enhanced query tool
- Automatic recording of swaps
- Enhanced reporting tools
- Enhanced data sharing (web services for IFMIS)
- Extended auditing
- QEDS/MTDS interfaces

Major new DMFAS version – DMFAS 7
- DMFAS 7 needs analysis and workplan completed
- DMFAS 5.3 de-supported in 2016
- DMFAS 7 developed

More comprehensive capacity-building framework
- Government securities market
- Basic debt concepts
- Operational risk management (procedures)
- Asset Liabilities Management
- Developing IFMIS links
- DMFAS database structure
- Debt reorganization +
- DMFAS Demos/tutoriols
- 3 DMFAS 6 tutorials
- Certification/Database for trainees
- Private non-guaranteed external debt

Improved cooperation with other providers
- Information shared with partners
- Support to 18 DMF activities
- Support to 28 partners events
- 3 joint capacity building workshops with MEFMI
- World Bank partnership
- International Monetary Fund partnership
- Cooperation with COMSEC

Improved service delivery
- Helpdesk delivery
- Enhanced TRAC interface
- 2 regional centres in Africa – subject to funding

Target reached
Good progress towards reaching target
Target not yet reached
Improved cooperation and service delivery

- 20 DMF joint missions
- Co-organization of 4 regional training workshops
- DMF Implementation Coordination Group meeting

Participation in 28 partners events including:

- Participation in the IMF and WB events (e.g. IMF debt statistics course)
- Annual joint workshop with MEFMI; mentoring of 2 fellows (technical and functional)
- DMFAS – COMSEC cooperation: joint development of a debt data quality assessment methodology – testing
Enhanced DMFAS 6

DMFAS 6.1.1
January 2016
Drawings Interface
Automatic Swaps
STED/PNED: Import/UNDO

DMFAS 6.1.2
December 2016
Negative interest rates
Commitment fees on tranche level

DMFAS 6.1.3
April 2018
Historical Estimated Drawings
Enhanced Reports: speed, PDF, XLS
Integration DMFAS and Treasury System

DMFAS 6.1.3.1 (July 2018)
DMFAS 6.1.3.2 (October 2018)
Web Services
Data Export
Data Double Verification
Enhanced Auditing

DMFAS 6.1.3.3
August 2019
Accrued interest (reopening)
Include commissions in next period
Enhanced Web Services
New Debt Totals for buyback & reopening
Delete unused query files
Enhanced DMFAS 6

DMFAS 6.1.4.1 (Dec. 2019)
DMFAS 6.1.4.2 (Feb. 2020)
Interface with MTDS in V7 user interface
Refund of Commissions
Enhancements in the use of loan_tranches
Report on SECURITY SCHEMA
Calculation of Nominal Value

DMFAS 7
DMFAS 7 developments

DMFAS 7 progress included:

- Update of the technical framework and reporting tools
- Support to new application servers
- Enhanced audit and security
- Migration of 3 modules to the new technology
- Business requirements for a number of new functionality
More comprehensive capacity-building framework

DMFAS Capacity Development Framework

- Systematic Assessment Certification Database Trainees (ERS)
- Measurement & Assessment
- Comprehensive Content
- Functional & Technical
- Collaboration Platform
- Troubleshooting centre forum, Webinars, Partnerships
- Autonomous Learning
- E-Learning Tutorials, Demos
- Blended Learning
- E-Learning & Classrooms
- Traditional Learning
- Classroom Workshops On-the-job training
## Portfolio of Capacity Development Products

<table>
<thead>
<tr>
<th>CURRENT PRODUCTS</th>
<th>E-learning, Framework, Self-study</th>
<th>NEW PRODUCTS</th>
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<tbody>
<tr>
<td><strong>Workshops</strong></td>
<td><strong>E- Learning (blended)</strong></td>
<td><strong>Under development</strong></td>
</tr>
<tr>
<td>• DMFAS functional training (basic and advanced)</td>
<td>Basics of Government Securities Market &amp; Financial Calculations <strong>Framework</strong> Debt-DQA <strong>Self-study</strong></td>
<td>Procedures (English) <strong>Future plans</strong></td>
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<tr>
<td>• DMFAS technical training (installation and maintenance)</td>
<td></td>
<td>DMFAS user certification/database for trainees</td>
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<tr>
<td>• Procedures (French)</td>
<td><strong>Framework</strong> Debt-DQA</td>
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<td>• Debt Data Validation</td>
<td><strong>Self-study</strong> Debt Reorganization Basic Debt Concepts</td>
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<tr>
<td>• Debt Statistics</td>
<td>• DMFAS Tutorials (recording IDA and AfDF loans, recording money market instruments, recording bonds, Query Tool)</td>
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<td>• Debt Portfolio Analysis</td>
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<td>• Training in Oracle</td>
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<tr>
<td>• DMFAS Database Structure and Architecture</td>
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<td>• Development of IFMIS links and other interfacing</td>
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*E, F, S*
Mastering the Basics of Government Securities Market and Financial Calculations

On-line course + Workshop
We have completed 21 sheets. 13 of them are available in our website/client area. The others will be delivered once all the facts sheets are produced.
8 New Fact Sheets

- Loan Agreements: Understanding the General Characteristics
- Loan Agreements: Understanding the Financial Terms
- Specific Case of Multi-Currency Loans and Revolving Credits
- Amortizing a Loan with the Equal Principal Repayments Method
- Amortizing a Loan with the Annuity-Certain Method
- Debt Accounting Methods and Debt Valuation
- Understanding Debt Reports
- Avoiding Common Errors
Elaboration of procedures

Objective of the Module
To provide countries with the capacity to develop procedures either in manuals or in stand-alone format, or a set of procedures covering the activities of their DMO.

This module can help countries meet DeMPA requirements in the assessments related to the availability of documented procedures or other needs such as standard operational procedures or auditing.

Delivery
The module is delivered in three phases: initial workshop, drafting period, follow-up workshop.
UNCTAD and COMSEC have joined forces in a new initiative called:

**Debt-DQA or “Debt Data Quality Assessment framework”**

This framework was officially launched this week during the UNCTAD debt management conference. Debt-DQA assesses the strength and weaknesses of the data recorded in debt management systems.

It is implemented with the use of an **automated tool** integrated within the debt management software.

**Objectives of Debt-DQA**

(a) detect and quantify weaknesses and gaps and risks in countries' debt databases  
(b) highlight the amplitude and kind of risks these weaknesses represent to the debt database  
(c) facilitate the design and provision of technical assistance to remedy the problems identified  
(d) make it possible to monitor the evolution of debt data quality over time  
(e) provide a basis for the cross-country comparison of debt data regardless of the debt management software used
Debt-DQA or “Debt Data Quality Assessment framework”

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Description</th>
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<tbody>
<tr>
<td>Correctness</td>
<td>Assess the extent to which the critical data recorded in the debt management software is free of errors</td>
</tr>
<tr>
<td>Timeliness</td>
<td>Assess the extent to which the critical data recorded in the debt management software is made within an appropriate time lag</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Assess the extent to which the critical data recorded in the debt management software is exact</td>
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</table>

<table>
<thead>
<tr>
<th>Quality-Level</th>
<th>Magnitude-of-Corrective-Measures</th>
<th>Description</th>
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<tbody>
<tr>
<td>Level 1</td>
<td>Minor</td>
<td>High-quality database</td>
</tr>
<tr>
<td>Level 2</td>
<td>Moderate</td>
<td>Medium-quality database</td>
</tr>
<tr>
<td>Level 3</td>
<td>Major</td>
<td>Low-quality database</td>
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Five DMFAS tutorials

1. Recording a Money Market Instrument in DMFAS
2. Recording a Bond in DMFAS
3. Learning DMFAS Basics by Recording a Loan
4. Registering an African Development Fund Loan in DMFAS
5. An Initiation to the Query Tool
New interface for technical documentation

This page brings you all the latest technical documentation intended for the DMFAS administrator or technical users of DMFAS. This includes guides on 11g and 12c installation, the installer program, recent release notes and much, much more. Be sure to check in here regularly to receive complete and up-to-date news and information about DMFAS 6 technical subjects.

Français

Vous trouverez ici la dernière version de la documentation technique destinée à l'administrateur SYGADE et aux utilisateurs techniques de SYGADE. Elle comprend les guides d'installation sous Oracle 11g et 12c, une documentation sur le programme nommé Installer, les dernières notes de mise à jour et bien d'autres documents.

Nous vous invitons à consulter ces pages régulièrement pour vous tenir informé des dernières nouveautés relatifs aux aspects techniques du SYGADE 6.
Bien que les pages de ce site ne soient disponibles qu'en anglais, de nombreux documents sont disponibles en français.

Español

En estas páginas encontrarás la versión más reciente de la documentación técnica dirigida al administrador del SIGADE y a los usuarios técnicos del SIGADE. Esta documentación incluye los manuales de instalación bajo Oracle 11g y 12c, la documentación sobre el programa Installer, las últimas notas informativas del SIGADE y muchos otros documentos.

Le recomendamos que visite periódicamente estas páginas para mantenerse informado sobre las últimas novedades en relación con los aspectos técnicos del SIGADE 6.
Aunque estas páginas solo están disponibles en inglés, muchos documentos están disponibles en español.
Conclusions

Over the past 4 years, the Programme achieved most of both objectives 1 and 2 objectives.

Concrete progress are made by countries:
- Debt data coverage (external and domestic)
- Enhanced transparency and reporting
- Improved operational risk management

However, challenges include:
- Weak institutional frameworks, high staff turnover, political instability in countries
- Sustaining capacities and results, in particular in debt portfolio analysis
- Integration to IMFIS (weak IT capacities in countries)
- Increasing coverage of private non-guaranteed external debt
- Adapting quickly to evolving needs of debt offices as debt management become more complex
- High demand for DMFAS assistance from new countries
Thank you!