

Draft Progress Report

1. Quarter 2003

TA for the 'Bridging Support Program to Strengthen the Institutional Capacity of the National Statistics, Mozambique



Instituto Nacional de Estatística

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List of abbreviations

CO	Scanstat Coordination Office in Statistics Denmark
Danida	Danish International Development Assistance
DKK	Danish Kroner
DSt	Statistics Denmark
EUR	European Euro
INE	Instituto Nacional de Estatística, Mozambique
INE-P	Instituto Nacional de Estatística, Portugal
MZM	Mozambique Meticaís
NOK	Norwegian Kroner
Scanstat	Consortium between Statistics Denmark, Statistics Norway and Statistics Sweden
SCB	Statistics Sweden
SEK	Swedish Kronor
SSB	Statistics Norway
USD	US Dollars
ZAR	South African Rand

INEs Directorates and Departments:

DARH	Directorate for Administration and Human Resources
DAF	Department of Administration and Finance within DARH
DRH	Department of Human Resources within DARH
DICRE	Directorate for Integration, Coordination and External relations Department of Coordination, Planning and External Relations within DICRE Department of Informatics and Information Systems within DICRE
DISI	Department of Dissemination and Documentation within DICRE
DESE	Directorate for Economic and Business Statistics
DEBA	Department of Statistics on Goods and Environments within DESE
DESC	Department of Service Statistics and Business Register within DESE
DCNIG	Directorate for National Accounts and Global Indicators Department of National Accounting and Economic Studies within DCNIG Department of Prices and Economic Trends within DCNIG
DCI	Directorate for Censuses and Surveys Department of Methods and Sampling within DCI Department of Cartography and Operations within DCI
DEMOVIS	Directorate for Demographic, Vital and Social Statistics Department of Demographic Studies within DEMOVIS Department of Vital and Social Statistics within DEMOVIS

1 EXECUTIVE SUMMARY

Major progress in the first quarter 2003 with support from the Scandinavian Program

- ✓ The Internal Coordinating Group had one “monthly” meeting 24/02
- ✓ The Steering Committee had one meeting 11/03
- ✓ At least monthly recorded meetings with program supported activities on the agenda were held within each Directorate and Department
- ✓ INE’s new routines on improved accounting are now in vigor, which also includes better reporting from the Provinces

- ✓ The Household Survey 2002/03 with a Household Income and Expenditure Survey (HBS) and a new QUICK continued the fieldwork and the data processing. A community survey in rural areas is carried out jointly with the household survey.
- ✓ Work started to publish a first report based on household survey-results for the first 6 months
- ✓ The field work of the Business Census was completed for the Southern Provinces, incl. Maputo City and started for the Northern and Central Provinces
- ✓ A draft plan for a new construction statistics was prepared
- ✓ The work to develop Quarterly National Accounts continued

- ✓ The first reports on the new printing equipment were printed:
 - § Plano Estatístico Nacional 2003-03 (300 copies)
 - § Questionnaires for HBS 2002/03
 - § Estatísticas do Crime e Justiça (500 copies)
 - § Relatório Final do INJAD (1 000 Copies)
 - § Caderno de Informação Rápida (200 copies)
- ✓ Further detailing and implementations of plan for systematic development of the IT area took place
 - § Consolidating of infrastructure and network administration
 - § Development of documentation standards and manuals about development of statistical systems
 - § Introduction to the use of Internet including mail to staff from provinces

- ✓ Long term training activities continued for the same staff as in the previous quarter, viz:
 - § 5 for master degree, all in RSA – statistics (1), informatics (1) and economics (3)
 - § 24 licenciaturas, all in Mozambique or in RSA - management (11), economics (2), history/geography (4), psychology (1), demography (1), informatics (3), statistics (2)
 - § 8 middle-level all in Mozambique - informatics (4), library (3), secretary (1)

- ✓ New long-term training started for 2003/07, which includes one master degree course in Demography in Australia.

- ✓ The following short in-house training courses took place, in accordance with the programme for 2003/04: Informatics: Excel (11- Provincial Branches), Basic Statistics (12), English (26), Special English (6), Statistic in Action (11), Informatics- Net-System- Tanzania (1), Training of Trainers- Namíbia (1), Stages in Portugal- National Accounts (5).

- ✓ 4 short term missions took place
 - § HBS – data processing
 - § HBS – report writing; the mission started
 - § Business Census with focus on quality control

- § Cost Accounting/Time Use; the mission started
- √ A draft to INEs PRODOC 2003-07, incl a new Human Resource Development Plan was prepared with a short term consultancy funded through Danida
- √ An external appraisal with a review of project progress of the Bridging Support Program took place that also included to review the draft to PRODOC, through a 5-persons consultancy group funded by Danida
- √ Work on INEs new PRODOC 2003 – 07 continued as a result of this consultancy

- √ INEs annual planning conference (CCAINE) took place 17-21/3 with participation of all the 5 LTAs from the Consortium

- √ The report on INEs activities for 2002 was prepared
- √ INEs plan 2003 was prepared

Problem

- √ The Embassies of Norway and Sweden raised 18.03.03 some comments of serious concern to the auditing report ending 30th of September, see Annex 7. INE responded in a letter on these comments, see Annex 8.

- √ According to the implementation arrangements, programme supported activities are now a fixed agenda item at least once every month, when various parts of INE's organisation have their regular meetings. However, the minutes from these meetings have still to be distributed to the Team Leader and the long-term advisers.

2 INTRODUCTION

The Scandinavian Bridging Support Programme to INE started on 8th of May 2002 and covers one year. The total support amounts to about 3.9 millions USD and has three main components:

- | | |
|--|-------------|
| √ Operational activities and Equipment | 2.2 mil USD |
| √ Long and short term training | 0.3 mil USD |
| √ Technical Assistance | 1.4 mil USD |

Funds for technical assistance are for consultants through the Scandinavian Consortium (Scanstat) of the National Statistical Agencies in Denmark, Norway and Sweden. The other funds are "budget support" to about 20 specified projects so as to complement INEs local budget.

This report is focused on the first quarter, January-March 2003. It gives focus to major achievements, problems and plans of activities within INE that are supported by the Scandinavian Bridging Programme. The report uses as references above all three earlier reports.

Two are the inception report that covers the initial period of the program and the progress report for the third quarter. The third report is the Project Document for the Program. PRODOC lists about 10 areas that require special attention in the year(s) to come as well as 23 major activities that INE plans to fulfil during the program period.

Other important references are the reports from the short-term missions that were completed during the third quarter.

This report has been prepared by INE with the assistance from the consultant, the Scanstat Consortium. The report contains the views of INE, which do not necessarily correspond to the views of Danida.

3 OVERVIEW OVER THE PROJECT PROGRESS

An overall display of the funding of INEs activities January – March 2003 is as follows in US Dollar:

	<i>Jan - March</i>	<i>Balance</i>	<i>Total Budget</i>
Scandinavian Bridging Program			3 892 000
Technical assistance			1 341 000 ¹
Operational/Survey Activities	593	61	2 238 000 ²
Training Activities	123	14	313 000

With reference to the major activities in PRODOC, the activities and progress in the reporting period are as follows (all with various support from the Bridging Programme):

Plan 1998 -2002

The work to evaluate the plan and to compare objectives with results has started and will be completed within short. One part of this evaluation was the independent evaluation of the Twinning Arrangement between Statistics Sweden and INE. This Arrangement terminated in June 2002 and had as a major objective to support INE in implementing the five-year plan 1998-2002. The evaluation report was finalized in November 2002.

Plans 2003-07

Work was completed in the third quarter to transfer the strategic plan for SEN into an operational plan for SEN 2003-07 divided on current and development activities. A short-term mission in the end of the second quarter within the Bridging Programme supported INE in these preparations. The High Council for Statistics approved the new 5 year plan in the middle of November. It forms the basis to prepare the new PRODOC for INE so as to request for a continuation of the Scandinavian Support 2003-07.

Human resource development plan

INE, with support from the short-term consultants working on a draft to the new PRODOC, finalized in the first quarter a draft to a new HRD-plan that covers INEs need to 2007. The plan will be a component in the new PRODOC. INEs new staff database to plan and follow up human resource development activities has still to be established.

Product based planning and cost accounting system

A short-term mission ended in the beginning of the fourth quarter to support INE in this area. The purpose of the mission was to start the development work by defining and tentatively agree upon an object plan with a chart of object codes. Regular time-report from all staff at INE will have a distinct role in the new system. The development work will continue also after the end of the Bridging Year.

A specific short-term mission started in the end of the first quarter to further develop the time use component. The plan is to have time reporting as the subject for the fieldwork in the planned inhouse training course on Statistics in Action that will take place in April-May 2003.

¹ It has been agreed with Danida that the period should end 8/5. Hence no figures are available only for the first quarter.

² (incl printing equipment/consumables 140 442)

Internet

A mission within the Programme terminated in the middle of October and supported to establish full Internet at INE.

Intranet

INEs Intranet started gradually in the second quarter 2001 with support from the Twinning Arrangement. It is still under development and will have to be continuously improved in the years to come.

Print Shop

The new printing equipment was installed in December 2002. The National Statistical Plan 2003-07 was the first report to be printed and Statistics on Crime and Justice was the first statistical publication to be printed with the new equipment.

The Agriculture Census

The last report on analysis, involving several research fellows is underway. It is expected to be out in the second quarter 2003.

Business Register completed, incl updating procedures

Most work remains pending the information from the Business Census. It also remains to finalize and decide on the updating procedures, which should be in full swing not later than after the Census is through.

Completed data collection and data processing of the Business Census

The data collection started on 1st of October 2002 and is planned to be finalized in the second quarter 2003, with a first report in April 2003.

Plan developed and implemented for improving economic sector statistics to serve for instance quarterly National Accounts

The plan is delayed but under development. A successful implementation depends on the quality of the Business Census as well as of the Business Register (updated with data from the Census). The ambition is to have a new Business Register ready, its quality and coverage evaluated in the third quarter 2003 so as to enable new samples to be drawn in October/November 2003, in time for the start of the sector statistics in 2004

Plan prepared for compiling and producing quarterly NA

A first draft is under preparation aiming to produce quarterly NA on experimental basis in 2003 and to launch them as official statistics in 2004.

Plan prepared for developing NA with Household sector accounts (based on HBS-data) and Bayesian approach

A skeleton to a long term preliminary plan has been worked out with Dutch support. It remains to detail the plan, to give it a realistic feature and above all to decide if and how INE should embark on this approach.

Plan prepared for extending Consumer Price Index to more cities

A short-term mission within the program took place in October to support INE on this issue. Work is going on to extend the Index to all Provincial capitals from 2004.

Plan prepared for revising CPI with HBS-data - whenever these will be available

The short-term mission in October assisted INE also on this issue. Work is going on to provide CPI with a new basket and new weights in 2004.

Completed analysis of the first round of CWIQ

This output has already been achieved. 2 reports were published from the survey, one in 2001 and another in 2002.

The Household Budget and Income Survey (HBS) partly carried out

The data collection started in July 2002 and covers one year. A first report is expected in the beginning of the second quarter.

Completed data collection and data processing for the CWIQ module of HBS

The original intention was that the CWIQ module would cover only half a year and hence be completed in December. This design was later changed and the module will cover a whole year. There will be estimates for the first half year.

Plan developed and implemented for current social statistics with improved outputs

Work is going on. So far above all for statistics on crime, prisons, courts and culture. New statistics on sports are planned to be implemented from 2003

Plan developed and implemented for a gender training program

A short-term mission is planned to later in 2003 and will focus on this issue.

Plan prepared for the Demographic and Health Survey 2003

This survey is planned to the second half of 2003. Not much results so far pending agreed support from USAID- A consultant is due to arrive in the beginning of the second quarter.

4 MANAGEMENT, PLANNING AND ADMINISTRATION

This chapter deals with activities connected to the Directorate of Integration, Coordination and External Relations (DICRE) and the Directorate of Administration and Human Resources (DARH). Activities connected to the Department for Information Systems (DISI) within DICRE is dealt with in Chapter 5.

The Director of DICRE is also INEs Director for the Scandinavian Programme while the Director for DARH is the Deputy Director. Both Directors are the main counterparts for the Team Leader (TL) for the Scandinavian Programme both in his role as TL (2/3 of his total time) and in his role to support INE on issues of management, planning and administration (1/3 of his total time).

The role as a TL includes to support INE to plan, implement and follow-up project activities, continuous contacts with the donors especially Danida as the lead donor and with the Consortium home organisation as well as support to coordinate the work of all the LTAs. The TL attended a meeting with the Consortium in Stockholm 3-4/2. The TL attends INEs monthly management meetings "CCRINE" with the Presidencia and all the Directors and is also a member of the Steering Committee for the support programme.

One major supporting activities from the Team Leader in the first quarter concerned the work with the new PRODOC for Scandinavian Support 2003-07.

INEs plan 2003 lists 4 major activities for the TL in his role to support on issues on management, planning and administration. These are to support to develop

- √ Annual key indicators for "management performance"
- √ A Product based system for budget and costs
- √ User Contacts and Surveys

v Systematic quality work

The Director for DARH terminated her assignment at INE in the beginning of the first quarter and consequently also left her role as deputy director for the Scandinavian programme. Towards the end of the quarter a new Director for DICRE was appointed while the Director for DICRE moved to DARH. Hence, the Scandinavian Program will have a new Director within short, as it is said that the Director for DICRE should be the Program Director.

Major Progress in the first quarter 2003

The report on INEs activities 2002 as well as the Operational Plan for 2003 were finalized and discussed at CCRINE and at INEs annual planning conference (CCAINE) 17-21/3 in Pemba and later approved by the High Council for Statistics. The TL worked close together with the persons at DICRE in charge for the reports. The expected support from the Scandinavian Programme is integrated in INEs plan 2003. The TL made a presentation at CCAINE, followed by a discussion, on the subject: Formal and Informal management. One major topic at CCAINE dealt with Centralisation visavi Decentralisation of INE activities to the Provinces. The TL participated in the preparations for this topic on the agenda.

All the new three statistic members (delegate institutions) of INE were invited to CCAINE for the first time, viz. the Ministry of Labour, of Fisheries and of High Education, Science and Technology together with the old three members, viz the Ministry of Education, of Health and of Agriculture and Rural Development.

The work to develop a better follow-up of budget and cost on product level and specifically of the Scandinavian support continued and the TL worked particularly with the newly recruited accountant on these issues. Preparations for the short-term mission on time-use at INE took place as well as for the course on Statistics in Action. The mission on time-use started in the end of the quarter. The course will take place in the second quarter and is planned to have time-use as the subject for the field-work. Cost on product level is one of the key indicators for assessing “management performance”.

In relation to systematic quality work, the nearest major activity will be a workshop on the EFQM³ model for top managers and Directors later this year. Some first preparations for this workshop took place in the first quarter.

Consultancy work on the new PRODOC for Scandinavian support 2003-07 continued and resulted in a final draft towards the end of the quarter. INEs program director and the TL took active part in this work.

Major Plans for the second quarter 2003

To finalize operational plans for 2003 for the various Directorates and Departments is one major activity in the beginning of next quarter. Later in the quarter, the preparations for plan 2004 will start and the TL is expected to provide support in this work. One important component is to release a calendar system for 2004 and to use this as one of the key indicators to assess “management performance”. Another is how to further improve the coordination mechanisms for SEN.

Another important activity will be to implement the recommendations from the mission on systematic quality work that took place in September 2002. One of the first events will be to prepare for the workshop on EFQM in July. Another will be to start to plan for a first annual quality survey to various Heads within INE that is planned to take place for the first time in the beginning of 2004.

³ European Foundation for Quality Management

The course on Statistics in Action will take place in April/May with consultants from Sweden as teachers. Also the LTA for social and demographic statistics will have an active role. A similar course is planned to take place every year within INEs new 5-year plan and the intention is that INE staff assisted by LTAs will be able to run the course after some time.

The course is opened also for SEN-staff outside INE and is a mixture of lectures and practical work. Its purpose is to present and carry out all phases of a survey in the proper order. The topic for the field work in the first course is time-use within INE. The topic for the field work in a forthcoming course – planned to October/November – is the staff satisfaction survey within INE, or rather use the STAC to improve the this survey.

Next quarter will also imply the end of the Bridging Support Programme and the start of the new Support Programme. To improve activity planning, linked to budget and cost is an important part this.

5 INFORMATION TECHNOLOGY

The Scandinavian Bridging Programme has a long-term advisers assigned to The department for Information Systems (DISI) within the Directorate of Integration, Coordination and External relations (DICRE). He assists on implementing the IT-strategy and coordinating the National Statistical System in respect to IT aspects and has the Head of DISI as the main counter part.

INEs plan 2003 lists 6 major activities in which he will support, viz.:

- ∇ Infrastructure and network administration
- ∇ IT Policy and IT implementation plan
- ∇ Methods on management and development of statistical systems, including manuals and documentation
- ∇ Internet/Intranet
- ∇ IT-solutions for administrative use, such as a staff data base
- ∇ Data Warehouse

Major progress in the first quarter 2003

The work on consolidating infrastructure and network administration continued according to the project description. One person started at the course Microsoft Certified System Engineer (MCSE). The Terms of Reference for extra staff was prepared. Also the Terms of Reference for the short Term mission for Niels Jespersen was prepared.

The content of an IT security policy was discussed. The IT security policy will among other things include data management aspects about ensuring safe procedures regarding storing and processing of data. The IT security policy is expected to be part of a general IT policy. An important element in this policy will be policies regarding standards. Standards cover hardware, software and the development and documentation of statistical systems.

Related to the policies about standards a draft version of a manual about developing and documenting statistical system was prepared. The manual is based on three models: a production model, a development model and a documentation model. An important discussion related to documentation is the use of metadata both for publishing on the Internet and for internal use. Metadata is also expected to play an important role as documentation in the implementation of disaster recovery plan.

Activities related to Internet and Intranet were discussed at INEs annual planning conference (CCAINE) which took place in March. In order to improve the competence at the provincial level a series of slides about the use of the Internet and technical aspects of the Internet was prepared by head of DISI and the consultant. The slides were presented at CCAINE, followed by a discussion about the needs and problems at the provincial level. A manual produced at INE about the use internet mail and configuration of mail systems was discussed in detail.

Major plans for the second quarter 2003

A major activity will be the preparation of the mission on consolidation of network administration which is expected to take place in the beginning of May. The preparation includes hiring staff, preparing papers etc. This includes considerations about policy matters – how to ensure the implementation of IT security policy at INE.

The work on developing the IT policy for INE will continue. Discussion about existing and planned system with subject matter staff will be part of this process.

The work on developing standards and writing manuals will continue. This work includes first discussion with staff at INE and thereafter testing of the methodology in two pilot projects.

6 DEMOGRAPHY AND SOCIAL STATISTICS

The Division for Demographic, Vital and Social Statistics is divided in two Directorates. One for Censuses and Surveys (DCI) and one for Demographic, Vital and Social Statistics (DEMOVIS).

The Bridging Programme has a long-term consultant to support the Division. His main counterpart is the Director for DEMOVIS. There is also budget support from the programme to the integrated Household Survey Program that includes the Household Income and Expenditure Survey (HBS) 2002/03 as well as to current social and demographic statistics.

INEs plan 2003 lists 2 major activities in which the LTA will support, viz.:

- √ Analysis of the HBS 2002/03
- √ Current statistics Education and Health, respectively

Major Progress in the first quarter 2003

One main new task was to start planning of the new Demography and Health Survey with assistance of a long-term expert from USA-Aid. However, the main time consuming new task during the first quarter was the preparation of a preliminary report from the HBS 2002/03. This report is based on HBS-data from the first 6 months, and has required a thorough and detailed quality control that has covered a broad spectre of possible errors.

Three short-term foreign experts have participated in this process. Their tasks include evaluation of both sampling errors, non-sampling errors (systematic and unsystematic measurement errors), the development of a table plan and production of a tabulation report. The quality control has been more time consuming than expected. Two of the three short-term experts did therefore stay longer than originally planned. One basic reason is that the Household-survey 2002/03 consists of 4 major questionnaires, which together produce a large volume of data.

As part of the quality control of the HBS a systematic verification study has been done of the very high response rate (90%). This study covers so far 7 of the provinces and a sample of approx 10 households in each province. The purpose has been to verify that the interviews have taken place as planned, but also to get some additional information on the use of local measurement units and of rental and building costs. The findings are encouraging and only a few weaknesses are identified. One is that scales to measure the weights of foods have been used less than planned, which give some uncertainty about food consumption. Systematic errors in two key victimization questions were also identified, which could have been prevented by a more proper pilot study. This is, however, a preliminary conclusion as time constrains has delayed the validation process of the community-questionnaire and important parts of the victimization questions, and the follow-up study is not finished.

The long-term advisor on Demographic and Social statistics has been involved in most of these processes. One important task has been to prepare a report on crime and victimization, which combine data from the

HBS and the regular statistics on police, courts and prison. The work on this report has several aims; to increase the relevance and reliability of these statistics, reduce the production time and give the staff responsible for this statistics hands-on training in quality control and analytical work.

This competence building activity has been followed up during the last part of first quarter, when a short-term expert started a Statistics in Action course (STAC). The participants at this course include both staff from INE and other SEN-institutions. The long-term advisor has been actively involved in the course.

Major Plans for the second quarter of 2003

During the coming three months the main tasks in connection with HBS 2002/03 will be to finish the data collection and processing. The quality control of the fieldwork will continue. The plan is also to finish data collection from 2002 for the regular statistics, and two reports on gender statistics and victimization. At the same time the preparation of the Demographic and Health survey will continue.

The long-term expert will participate in these processes. The short-term activity plan focuses, however, on quality and competence issues. The main task will be to finish the analytical report on crime together with the relevant member of INEs staff. It is also necessary to plan further competence building activities during the second half of 2003 and prepare the final validation and reporting process from HBS.

7 ECONOMIC STATISTICS

The Division for Economic Statistics is divided in two Directorates. One for Economic Statistics and Business Statistics (DESE) and one for National Accounts and Global Indicators (DCNIG), including Consumer Price Index.

DESE is divided in two departments. The Department of Statistics on Goods and Environment (DEBA) and the Department of Service Statistics, Informal sector and Business Register (DESC).

The Bridging Programme has a long-term consultant for Economic Statistics. Her main counterpart is the Director for DESE. The LTA is also supporting Consumer Price Index while there is another long term consultant specifically for National Account. There is also budget support to the Business Census 2002/03, the Business Register, Current Economic Statistics and to the Consumer Price Index.

INEs plan 2003 lists 4 major activities in which the LTA will support, viz.:

- √ Operational plan for how to continuously maintain and update the Business Register
- √ Develop and consolidate the current economic statistics – methodology and production
- √ New samples for current economic statistics
- √ Develop the cooperation with users and others producers of economic statistics

Major Progress in the first quarter 2003

The major activity within DESE in the first quarter 2003 has been to collect and process data from the *Business Census (CEMPRE 2002)*. Data collection in the central and northern zone started up in February, and according to plan the data processing will be finalized in May.

INE-Portugal gives technical support to the CEMPRE. In February the Scandinavian project supported a two-week mission from INE-Portugal to assist in data quality controls and analysis of data collected

through the CEMPRE 2003 (MOZ:2003:4). The mission also focused on issues related to the maintenance of a new business register based on the CEMPRE, and related to this the importance of a unique identification number was pointed out. Finally, a coverage study was recommended to give estimates about the coverage of the CEMPRE.

The *Annual Surveys* covers approximately 700 enterprises within manufacturing industry and within commerce and services. Questionnaires are normally distributed in August and have the previous year as the reference year. In connection with the surveys, INE requests larger enterprises to submit a copy of the financial statement for the survey year for use by National Accounts. Main activity within this area in the first quarter 2003 was to receive and do quality checks of the incoming data. By the end of the first quarter the response rate still was very low - around 25 percent.

The main use of the *monthly surveys* is for the quarterly publication, "*Economic Short term Indicators*" (*A Conjuntura Económica*). There are six different surveys: manufacturing industry, construction, hotels and restaurants, transport, commerce/service and ports/airports. In addition to producing quarterly statistics for dissemination, a main activity within this area has been to improve the written documentation on the different short-term statistics. A working group has been established, and the first step in this work has been to prepare user orientated documentation based on a common standard. The documentation papers will be gathered in one report and used in the process of renewing the short-term economic statistics in cooperation with the users. DESE will coordinate this documentation work with the work going on at DISI on documentation systems.

Statistic on foreign trade is also published quarterly by DESE. This statistics is based on administrative data, mainly from the customs.

DESE staff finalized a report drafting a plan for a new *Construction statistics* in March 2003. The report focuses on so called *Auto-construction*, and gives a presentation of existing administrative data sources. Based on this report it should be possible for INE to decide when and how to proceed in establishing a new construction statistics. If needed, the Scandinavian Project will support a short-term mission on this area in 2003.

A major activity within the department that deals with Consumer Price Index has been to produce and publish the monthly CPI for the Maputo, Beira, Nampula and the national CPI based on these three provincial capitals. The other major activity was to produce "A Conjuntura Económica" for the 4. Quarter 2002. Problems identified are the limited coverage of the monthly surveys, and delays in the data delivery.

Annual replacement of commodities and establishments was conducted for Maputo City. Consequently the base prices were adjusted. Routines for estimating marked prices were introduced.

From the beginning of 2003 the COICOP-classification is used in the production and dissemination of CPI

The work to expand the CPI to cover all the provincial capitals continues, but due to budget constraints the training of price collectors and supervision of the data collection process in both the Northern and Southern zone was not completed.

Major Plans for the second quarter 2003

The data processing of the CEMPRE will be finalized in May. A short-term mission from INE-M to INE-P is planned to take place in May. Five persons from DESE are expected to participate on this mission, amongst them the Vice-President of economic statistics and the director of DESE. The main objective of

the mission is to do quality checks and analysis of the CEMPRE data, and to draft a final report from the CEMPRE.

It is also under consideration if and how a coverage study of the CEMPRE should be conducted. The Scandinavian Project will support a short-term mission to help plan and conduct a coverage survey.

A short-term mission within external trade is planned to take place in the end of April. The objective of this mission is to help improve the statistics and evaluate the possibility of using the new software EUROTRACE III in the production process.

The LTA will continue to assist in the ongoing documentation work for the short-term statistics. Development of a plan for the future structure of economic sector statistics based on the new Business Register is another major task. The consultant and DESE will cooperate with DISI in this work.

Two persons from DESE will participate in the STAC (Statistics in Action Course) that starts in April. The LTA will give lessons on sampling methods during the first week of this course.

The two main activities to be carried out by the Department of Prices and Economic Trends is to produce and publish the monthly CPI for Maputo, Beira, Nampula and the “national” CPI, and to produce and publish “A conjuntura Económica” for the first quarter 2003.

CPI staff will do analysis on product level of the IAF-data collected for the first 6 months.

8 NATIONAL ACCOUNTS

The Directorate for National Accounts and Global Indicators (DCNIG), which is a Directorate in the Economic Statistics Division, is responsible for producing the national accounts, short-term indicators every quarter (*A conjuntura económica*) and the consumer price index every month. The last two reports are disseminated mainly electronically.

The Bridging Programme has a long-term consultant specifically for National Accounts. His main counterpart is the Director for DCNIG.

INEs plan 2003 lists 4 major activities in which she will support, viz.:

- √ Develop quarterly national accounts on experimental basis
- √ Define methodology for how to revise Annual and Quarterly National Accounts
- √ Prepare for the change of base year to 2003
- √ Continue to prepare Institutional Sector Account for 2000 (definitive figures) and for 2001 (preliminary figures)

Major Progress in the first quarter 2003

The activities in the National Accounts department have been influenced by the need to finalize the calculations of results for 2001. The current state of the IT-system makes it difficult to ensure a regular and timely production of the detailed annual results. It is advisable to further develop Human Resources, Reorganize and plan workflows and upgrade and develop the IT-system.

Preparations for a restructuring of some of the IT-systems have been made. The working directories and status of the file system has been discussed with each technician. A ToR for a short-term mission on documentation of the IT-system has been prepared. At present it is expected that the consultant requested will be available in July.

5 technicians from the NA department have participated in a one-week course on National Accounts in Lisbon, Portugal. Workshops to follow up on the course have been held in the National Accounts department and weekly workshops will continue in the second quarter.

The detailed work program for the experimental calculations of Quarterly National Accounts has been discussed. The main activities in developing QNA is:

- Develop the compilation system including suggestions on how to plan, organise and perform current production of quarterly national accounts.
- Collect and transform available high frequency source data for the period 1996-2002 and establish a detailed overview of future data availability.
- Use available data for experimental calculations of a base period of quarterly distributed national accounts data for the period 1996-2002.

The main purpose is to test procedures, gain learning by doing experience, obtain detailed experience with scope and quality of available data sources and gain operational knowledge on necessary improvements in data sources to continue systematic work on developing QNA for publishing purposes. System development was initiated and some source data has been collected in the first quarter.

In preparation for the new change of base year the preliminary results of the IAF2002/3 has been investigated and the NA department has participated actively in the error correction process.

Major Plans for the second quarter 2003

The current production activities will cover revision of annual estimates for 2000 and 2001 and the collection of source data for preliminary estimates of 2002.

Continue developing of QNA system and increase the work on collection of source-data
Continue workshops on NA methods

9 FUTURE ACTIVITIES AND RECOMMENDATIONS

The major activities at INE with support from the programme in the nearest months are above all

- √ Finalize the new PRODOC for the Scandinavian Support
- √ Continue to develop a product based cost accounting system
- √ Continue to develop a systematic quality work
- √ Continue to develop methods for how to manage and administer the statistical system, based e.g. on systematic documentation of each product
- √ Develop and operationalize the new Human Resource Development Plan

- √ Finalize the evaluation of Plan 1998 – 2002
- √ Finalize activity plans 2003 for various Directorates/Departments within INE
- √ Continue with the various training activities, such as formal long and short-term training, tailor-made courses and on the job training.
- √ Develop and implement IT policies, standards etc. based on needs on product level
- √ Continue to develop IT-infrastructure and network administration
- √ Continue to develop Internet at INE as well as Intranet
- √ Continue dataprocessing of the Household Survey 2002/03
- √ Produce the first report from HBS 2002/03, based on data for the first 6 months
- √ Prepare a plan for reports from HBS 2002/03
- √ Publish a first analytical report on crime statistics

- √ Continue with the Business Census and to produce the first results in June 2003
- √ Prepare for a separate coverage study for the Business Census
- √ Continue with the process to complete the Business register (enterprises and establishments)
- √ Continue to develop an operational plan for all necessary procedures to update and maintain the Business Register
- √ Continue with the plans to improve current economic statistics with e.g. new samples and based on not least a new and improved Business Register

- √ Continuous to develop the plan on how to improve Construction Statistics
- √ Continue to document systematically economic statistics
- √ Continue to develop a plan for how to update CPI with e.g. a new basket based on data from the new Household Income and Expenditure Survey
- √ Continue to develop plans for quarterly National Accounts, to start on a test basis in 2003
- √ Continue to develop plans for changing the base year to 2003 for National Accounts

APPENDIX 1. LIST OF LITERATURE

- ∇ *Inception Report* MOZ 2002:1
- ∇ *LFA technique and operational long-term planning* MOZ 2002:2
- ∇ *Strategic planning for official statistics in Mozambique* MOZ 2002:3
- ∇ *Systematic Quality Work* MOZ 2002:4
- ∇ *Quarterly National Accounts* MOZ 2002:5
- ∇ *Establishing a Permanent Internet Connection at INE* MOZ 2002:6
- ∇ *Evaluation of the initial phases of the Business Census* MOZ 2002:7
- ∇ *A Product based accounting system* MOZ 2002:8
- ∇ *Consumer Price Index* MOZ 2002:9
- ∇ *Sinthesis from a meeting with all the LTA:s* MOZ 2002:10
- ∇ *Progress Report 3rd Quarter 2002* MOZ 2002:11
- ∇ *Final Observations from the IT-Advisor* MOZ 2003:1
- ∇ *Progress Report 4th Quarter 2002* MOZ 2003:3
- ∇ *Business Census – Quality aspects* MOZ 2002:4

- ∇ *Plano Estratégico do Sistema Estatístico Nacional 2003-2007*
- ∇ *PRODOC for the Bridging Program*
- ∇ *Draft PRODOC for 2003-2007*
- ∇ *Plano Estatístico Nacional 2003-2003*
- ∇ *Relatório de Avaliação do Projecto Twinning entre INE e Statistics Sweden, Novembro 2002*
- ∇ *Relatório Anual de Actividades 2002*
- ∇ *Plano de Actividades 2003-05-07*
- ∇ *Documento Final do VI Conselho Consultivo Alargado (CCAINE) do INE*
- ∇ *Decisões decorrentes das recomendações do VI CCAINE do INE*

APPENDIX 2 UPDATED LIST OF PLANNED SHORT-TERM MISSIONS During the Bridging Programme Period

<i>Date</i>	<i>Area</i>	<i>Counter- Part</i>	<i>Consultant</i>
2002			
27/5 - 5/6	Strategic Planning/SEN	Mungamba	Saerbo Norway
27/5 - 7/6	Strategic Planning/SEN	Mungamba	Assa Guambe
27/5 - 4/6	LFA planning/SEN	Mungamba	Denell Sweden
29/6 - 12/7	Business Census – subject	Valeriano	Júlia Cravo Portugal
2/9 - 6/9	System Quality Work	Saide	Maria Zilhao Portugal/Bergdahl Sweden
16/9 -27/9	Quarterly National Accounts	Saide	Ola Berner Denmark
16/9 - 3/10	Cost Accounting	Maringue	Kjerf, Eriksson, Jäverlind Sweden
16/9 - 11/10	Internet	Salomão	Jespersen Denmark
14/10-18/10	Business Census – processing	Valeriano	Fernando Carvalho Portugal
7/10-25/10	Bus Census - Eval of field work	Valeriano	Petersson Sweden
21/10-1/11	Consumer Price Index	Firmino	Johannessen Norway
11/11-22/11	PRODOC	Mungamba	Lundgren Sweden
15/11-29/11	Bus Census . Eval of fieldwork	Valeriano	Rodriguez Cap Verde
12/12	Steering Com Meeting	Loureiro	Gewalli and Gulloy
2003			
4 - 21/2	Appraisal	Loureiro	To be appointed by the Donors
10-22/2	Business Census	Valeriano	Julia Cravo Portugaç
17/2 - 30/3	IAF Data Processing	Arão	Otto USA
17/2 - 30/4	IAF Analysis	Fatima	Tribkorn Germany
11/3	Steering Committe	Loureiro	
26/3-4/4	Time Use Reports/Cost Account	Maringue	Jäverlind Sweden
7/4 - 11/4	Project Planning		Gewalli Consortium Home Org
31/3-11/4	Statistics in Action Course (STAC) I	Zeinóbio	Davidsson Sweden
14/4-2/5	STAC- Fieldwork - Time Use at INE	Zeinóbio	Run by INE
5/5 - 16/5	STAC II	Zeinóbio	Bengtsson/Cronholm Sweden
5/5 - 16/5	IT-network administration	Salomão	Jespersen Denmark
28/4-9/5	Foreign Trade	Azarias	Ostereng Norway
INE:s prel plan for short term missions 2003 within the new Scandinavian Programme			
June	Business Cens/Register - Coverage study	Azarias	Cravo Port + 1 Scandinavia
June	National Accounts – Documentation	Saide	Lazo Peru
June/July	Construction Statistics	Natercia	Scandinavia
21-25/7	IT - Strategic development issues	Anastasia	Thygesen Denmark
28/7 -1/8	Systematic Quality Work,incl a Workshop on EFQM	Saide	Thygesen Denmark/Zilhão Portugal
Aug/Sept	Development of a new system for economic statistics	Azarias	Petersson Sweden/Johanessen Norway
Oct	LFS planning	Arão	Scandinavia
Sept	Steering Committee Meeting	Loureiro	Consortium Home Org
Oct	Economic Statistics - Method Dev - New Samples	Azarias	Petersson Sweden
Oct/Nov	STAC during 6 weeks - Field work: Staff Satisf Survey	Zeinobio	Scandinavia
Sep/Oct	Better Use of Statistics - User Dialogues/User Survey	Marcelino	Scandinavia
Oct	Sampling Course - 2 weeks	Saide	Scandinavia
Sept	HBS -. Data Proceesing	Arão	Otto USA
Sept	HBS – Report	Fatima	Treibkorn Germany/Scandinavia (1)
Dec	Review of the household surveys/poverty indicators	Gaspar	Scandinavia (2)

Dec	Steering Committee Meeting	Loureiro	Consortium Home Org
Nov/Dec	Systems Design/Documentation Course	Anastacia	
	NA - Household Sector Acc/Integrof HBS-data	Saide	
	NA - Comp of 2001/Prep for new base year	Saide	
	IT - Infrastructure and network administration	Salomão	Jespersen Denmark
	IT - Administrative use, e.g. Staff data base	Mungamba	
	IT- Development of Internet – WEB site	Marcelino	
	Better Use of Statistics - Strat Dissemination issues	Marcelino	