Standard Summary Project Fiche – IPA decentralised National programmes

1. Basic information

    1.1   CRIS Number: TR2009/0318.01

    1.2   Title: Upgrading the Statistical System of Turkey Programme Phase III

    1.3   ELARG Statistical code: 18

    1.4   Location: Ankara, Turkey

Implementing arrangements:

    1.5   Implementing Agency:

The CFCU will be Implementing Agency and will be responsible for all procedural aspects of the tendering process, contracting matters and financial management, including payment of project activities. The director of the CFCU will act as Programme Authorizing Officer (PAO) of the project. The contact details of CFCU Director are given below:

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    1.6   Beneficiary (including details of SPO):

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Financing:

1.7 Overall cost (VAT excluded)[1]: 3.016.410

1.8 EU contribution: 2.714.769

1.9 Final date for contracting: 2 years after the signature of financing agreement

1.10 Final date for execution of contracts: 2 years following the end date for contracting

1.11 Final date for disbursements: 1 year after the end date for the execution of contracts

2. Overall Objective and Project Purpose

2.1 Overall Objective:

To provide adequate data and analysis for the purposes of facilitating policy decisions towards implementation of the pre-accession strategy and the adoption of the Acquis in statistics.

2.2 Project purpose:

To further improve the compliance with the EU standards in the selected areas of the statistical system of Turkey and to ensure the efficient coordination by the TurkStat.

2.3 Link with AP/NPAA / EP/ SAA

Accession Partnership:

In the Council Decision of 18 February 2008 on the principles, priorities and conditions contained in the Accession Partnership with Turkey, some of short term priorities on Statistics are defined as follows:

- Produce timely key national accounts indicators in accordance with ESA 95,
- Align the methodology and the organizational set-up for collecting information to provide agriculture statistics in line with EU requirements,
- Finalize establishment of the business register.

Medium term priority on Statistics is:

- Reinforce the coordinating role and improve the administrative capacity of TurkStat to ensure more timely collection, processing and dissemination of data.

National Programme:

The priority areas addressed by the proposed projects are related to Classifications (PRIORITY 12.2), Registers (PRIORITY 12.3), Statistics on Economic activities of enterprises (PRIORITY 12.4), Population and Demographic Statistics (PRIORITY 12.5), Statistics Related to the Labour Force, Wages, Labour Costs and Structure of Earnings (PRIORITY 12.6), Safety and Consumer Protection (PRIORITY 12.7), Annual Economic Accounts, Quarterly and Environmental Accounts, Monitoring and

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[1] The total cost of the project should be net of VAT and/or other taxes. Should this not be the case, the amount of VAT and the reasons why it should be considered eligible should be clearly indicated (see Section 7.6)

Resources (PRIORITY 12.8), Prices (PRIORITY 12.10), Energy and Raw Materials (PRIORITY 12.11), Training of Staff and Administrative Capacity Building (PRIORITY 12.22), ICT System (PRIORITY 12.23).

2.4 Link with MIPD

In MIPD 2008-2010 document, under the heading of Transposition and implementation of the acquis notably in priority areas with voluminous legislative alignment and high investments needs, it is stated that statistics is one of the priority areas in particular national accounts, macro-economic, demographic, labour market, regional, agricultural and business statistics.

2.5 Link with National Development Plan (where applicable)

NA

2.6 Link with sectoral policies, strategies and implementation plans

The Official Statistics Programme, based on the Statistics Law of Turkey No 5429, has been prepared for a 5-year-period in order to determine the basic principles and standards dealing with the production and dissemination of official statistics and to produce reliable, timely, transparent and impartial data required at national and international level. In this context, the USST Programme Phase III is prepared in line with the objectives and strategies of the Official Statistics Programme.

3. Description of project

3.1 Background and justification:

The Turkish Statistical Institute (TurkStat) is the central body with the task to compile, evaluate and to publish statistical data on the economic, social, cultural and demographical development of the country. TurkStat produces 85% of the official statistics used in Turkey. Other public institutions, such as the Ministries of Agriculture, Forestry, Tourism, Work and Social Security, Health, Industry and Trade, the Under-secretaries of Treasury and Foreign Trade, the Central Bank, the General Directorate for Security Affairs etc., also have subject based functions in the Turkish Statistical System (TSS).

The New Statistical Law brought the legal basis of the TSS fully in line with the Statistics Act of the European Union.

The TSS has been producing, evaluating and publishing statistics related to the economic, social and cultural aspects of Turkey according to international standards. Compliance with the EU requirements as comparable and reliable statistical information are needed during the pre-accession process, is currently the main challenge for TurkStat and other producers of official statistics in Turkey.

In this parallel, the Upgrading the Statistical System of Turkey (USST) Programme Phase I funded by European Commission was implemented during 2003-2007. Moreover, USST Programme Phase II was initiated in 2007 targeting the statistical acquis those need further improvement and those were not covered by the first programme.

Since statistical acquis is large and contains a wide range of methodological handbooks and manuals in the various statistical domains, further alignment with the EU acquis stand as a challenge to TurkStat. Regular Reports published by the European Commission yearly, asses the EU alignment degree and stresses on the areas need further alignment. Moreover, screening process was also important in determining the statistical areas those need further alignment. The post screening report stated that; although substantial progress was achieved through pre-accession aid schemes and co-operation with Eurostat, since statistical acquis is quite large and ever-evolving, continuing and sustainable efforts are needed to implement it fully. The reports stresses that National authorities need to ensure efficient management structures to ensure a satisfactory administrative capacity. Moreover, three areas were defined as areas where discrepancies between EU acquis and national practice. These are notably in fields of registers, agricultural statistics and economic and monetary statistics.

Therefore, taking in to account the Accession Partnership Document and the National Plan, recommendations of the regular reports and post screening report and the gained experiences from the USST Programme Phase II, TurkStat felt the need to prepare this project fiche which addresses the areas those need further alignment with EU acquis. These areas targeted by this project fiche are namely business statistics, social statistics, environmental statistics, and macro economic statistics; moreover capacity building and institutional strengthening of TurkStat were also covered.

There is a need to complete an evaluation study on current USST-II project for the service contract which will assess the relevance, impact, efficiency, effectiveness and sustainability of the project. The outcomes of such an evaluation should be taken into account when preparing the terms of reference of the service contract.

3.2 Assessment of project impact, catalytic effect, sustainability and cross border impact (where applicable)

The project will provide a continued impetus for the further upgrading of the statistical system in Turkey and its harmonization with EU statistical standards which is one of the priorities set out in the Accession Partnership and the National Programme. The catalytic effect is to improve the capacity of the Turkish statistical system by providing technical assistance and required investments. The EU support for this project will increase the pace of accession-driven actions in the field of statistics and this will directly improve and upgrade the statistical system according to EU standards. Without EU support, this project will take place at a later date and will last longer.

TurkStat, the main body of the Turkish Statistical System, has the capacity to absorb and sustain the investments proposed within this project. The operating and maintenance costs of the equipment purchased under this project will be provided by TurkStat.

TurkStat will ensure that EU visibility will be promoted based on the EC visibility guidelines as well as the specific demands on the side of the EC-Delegation in Turkey. The project which will be financed by the EU will therefore be presented in official documents as well as on the occasion of meetings and official events. The progress of the project will be issued via the mass media with the aim to promote the successful investment and to support the accession process of Turkey.

The training grant will enable Turkstat and main data providers' staff to participate in events with expert from EU member states and candidate countries. This could have a positive contribution for cross border cooperation.

3.3 Results and measurable indicators:

In order to achieve the objectives of the project, project cycle and implementation management has been structured by sub-projects. The anticipated results are:

1. Improvement of Business Register System

1.1. Improved effectiveness of ongoing Business Registers (BR) studies aiming to set up a national BR that fully comply with EU norms according to new developments

2. Improvement of social statistics
2.1. Improved quality of cross-sectional, longitudinal and regionally disaggregated data for producing income distribution, poverty, social exclusion and other socio-economic indicators.
2.2. Increased data quality on Social Protection Statistics
2.3. Improved coverage of all death persons, in accordance with the EU standards and methods for causes of death statistics.
2.4. Improved system of health accounts and minimized deficiencies in the system.
2.5. Produced population projections based on administrative sources
2.6. Improved international migration statistics compatible with EU standards based on administrative sources.
2.7. Improved population census statistics by using existing administrative registers compatible with EU standards.
2.8. Developed annual updates for earnings and labour cost
2.9. Improved time use survey system including design of questionnaires, concepts, definitions and data quality in line with Eurostat's recommendations. And, increased quality for time use statistics
2.10. Investigated quality problems on Turkish Labour force survey and try to find out solutions.

3. Improvement of Environment Statistics and Accounts

3.1. Increased capacity of statistical units (municipalities, industrial establishments, regional offices of the ministries etc.) providing environmental data.
3.2. Increased data availability on water, wastewater, waste, air emissions, and expenditures and accounting to be reported to EU institutions

4. Improvement of macro economic statistics

4.1. Improved the coverage of Excessive Deficit Procedure (EDP) notification tables.
4.2. Improved coverage and quality of Non-financial accounts for institutional sectors
4.3. Improved and compiled outward foreign affiliate's statistics
4.4. Improved annual supply and use tables and input-output tables
4.5. Improved quarterly national accounts
4.6. Improved regional accounts estimation by calculating GDP at NUTS 2 level for the most recent years in current values and by compiling employment and

compensation of employees at NUTS2 level for the most recent years in current values and by estimating FISIM at NUTS 2 level for the most recent years in current values.

4.7. Developed household price index for households, central bank and government.

4.8. Improved statistics for "prices" variable adding "import prices" to measure the gross monthly change in the import price of product coming from the Rest of the World by means of price indices.

4.9. Improved statistics for "prices" variable adding "output price indices for construction" which can be used as an approximation for the construction cost variables.

4.10. Improved statistics for "prices" variable adding "services prices" to measure change in prices of specific services sectors by means of price indices.

5. *Improvement of business statistics*

5.1. Improved Structural Business Statistics.

5.2. Harmonized Short Term Statistics with the EU.

6. *Increased capacity building and institutional strengthening of TurkStat.*

6.1. Management of TurkStat started to use the previously developed Management Information System efficiently and effectively.

6.2. Increased knowledge of TurkStat staff and participants from main statistical providers on specific areas of the Statistical Acquis Communautaire.

6.3. Comprehensive training to TurkStat staff was provided.

6.4. Strengthened project management and compliance monitoring capacity of the staff

Measurable Indicators of the above-mentioned results are:

1. *Improvement of Business Register System*

1.1. Business Demography and Enterprises Group Figures are produced in the ratio of 35% in 2001 and 70% in 2012

Usage of Business Register system by all the related bodies of TurkStat according to authorization in the ratio of 40% in 2001 and 80% in 2012.

Encounter the needs of external data users in line with confidentiality in 2001 80%, in 2012 100%)

2. *Improvement of social statistics*

2.1. Comparable income distribution, poverty, social exclusion and other socio-economic indicators demanded by Eurostat and produced 2011 and 2012 from cross sectional and longitudinal data.

2.2. All social protection data entered by the schemes on time and these data are sent to EUROSTAT on scheduled time at the end of 2012.

2.3. Percentage of certified and coded deaths with regard to all deaths is increased by the end of 2012.

2.4. % 100 of health expenditures is included in the system.

2.5. Population Projections at National and sub -national level based on administrative sources on a yearly basis in 2013and Demographic indicators on a yearly basis in 2013.

2.6. Statistics on immigration and emigrations that happened during a calendar year (flow data) (in 2013). Statistics on the population at the end of the reference year (stock data), consisting from data on persons with usual residence in the country by migration related variables in 2013.

2.7. Annual statistics on population size and demographic, social and economic characteristics of population in 2013

2.8. Annual updates of earnings and annual updates of labour cost are produced in 2012.

2.9. Number of comparable variables covered in the Eurostat's Recommendations on TUS increase 80%. by the end on 2012.

2.10. Response rates increased, Sampling errors (CV's) and frame errors (over & under coverage rates) are decreased.

3. Improvement of Environment Statistics and Accounts

Pollutants are reported to the European Environment Agency by the end of 2012.

Filled cells in JQ-IW and WStatR are increased by the end of 2012. Quality and quantity of environmental data from administrative sources are increased by the end of 2012

The most of the air pollutants on the EMEP/CORINAIR methodology are calculated by the end of 2012.

Data required to fill SEEA tables are compiled by 2012

Number of filled cells in JQ-I, and WstatR are increased by the end of 2012

4. Improvement of macro economic statistics

4.1. Consistency between EDP tables and tables related to general government sector (non financial and financial accounts of government) is achieved in 2012.

4.2. Consistency between government sector accounts and EDP notifications and GFS figures is achieved in 2012.

4.3. Y9 and Y10 tables were produced in 2012 and publications were prepared and the tables delivered to Eurostat in 2012.

4.4. Supply and use table at basic and purchasers' prices, trade and transport margins, taxes less subsidies on products, use table for imports, use table for domestic production and symmetric input-output table are prepared in 2012.

4.5. GDP series by production approach, GDP series by expenditure approach and GDPseries by income approach are available in 2013.

4.6. Regional GDP in current prices and regional compensation employees figures (2013)

4.7. Regular house prices were compiled and 2010 based housing price index is calculated.

4.8. 2010 based import price indices calculated and disseminated by 2012.

4.9. Output price indices for construction is decided to calculate for 2010 base year and results are sent to Eurostat by 2012.

4.10. SPPI for specific services sectors is calculated and set as data to be transmitted to Eurostat.

5. Improvement of business statistics
5.1. Adapted methodology and survey procedures and produced comparable and compliant data with EU standards in important fields of Iron and Steel Statistics
5.2. Developed Indicators requested by short term statistics regulation are to be available by the end of project. Sufficient and comparable statistics compiled for all indicators required by the STS regulation.

6. Increased capacity building and institutional strengthening of TurkStat
6.1. All users with pre-defined roles maintained to use MIS actively for their all inputs/outputs by the end of 2012.
6.2. Increased knowledge of TurkStat experts and major providers of statistics with the statistics being compiled EU Member States and their compilation methods, standard and terminologies by the end of project. 500 TurkStat staff is trained. 200 experts are trained from other statistics providers

3.4 Activities:

1. Improvement of Business Register System

1.1. BR standards are fully complied with EU norms.
1.1.2. Finalise BR system (TA).
1.1.3. Integrate necessary modules (Enterprise Groups (EGs), Business Demography (BD) and NACE transition modules) to the system (TA).
1.1.4. Authorized staff use the system.
1.1.5. Train the staff from regional offices of TurkStat in the subject of BR system (TG).

2. Improvement of social statistics
2.1 Improved quality of cross-sectional longitudinal and regionally disaggregated data for producing income distribution, poverty, social exclusion and other socio-economic indicators.
2.1.1. Implementation of the Turkish version of the Eurostat micro simulation model SM2 with the consultancy of the EU experts (TA).
2.1.2. Construct the panel data analyzing system with the consultancy of the EU and local experts (TA).
2.1.3. Organize the local meetings with regional offices experts for evaluation of the implementation of SILC (TG).
2.1.4. Participation of the meetings, workshops, conferences, seminars and study visits (TG)

2.2.1. The possible SP data suppliers will be identified to increase the coverage.
2.2.2. A contact person will be identified in the related organizations/schemes and a how to fill out the ESSPROS questionnaires training will be constructed (TA).
2.2.3. A web based data entry system will be constructed to collect the data on time. The related persons of the schemes can see their old data on the SP data based system (TA).

2.3.1. Establish automated coding system by means of IRIS software programme (TA).

- Qualify TurkStat regional offices staff on coding of CoD certificates.
- The convertion ICD 10 index into dictionary for IRIS and editing of constructed dictionary.
- Conduct a pilot application to generalize the automated coding system for deaths.
2.3.2. Produce a report on future activities of e-certification for complete coverage of deaths correctly and harmonization of web base e-certification with automated coding system and conduct necessary studies. (TA)
- Training course for TurkStat staff on e-certification (TG)
- Improve e-certification and apply a pilot study on e-certification on different kinds of health institutions
- Workshops on e-certification, automated coding and codification (TG).
2.3.3. Training of related staff (TG)

2.4.1. The analysis of the data obtained by means of the questionnaires prepared for the foundations and associations and private insurance companies (TA).
2.4.2. The analysis of the data obtained by means of the questionnaires prepared for the households to calculate the out of pocket health expenditures (TA).
2.4.3. Construct a system to calculate health expenditures of private corporations which can be obtained from business statistics and its conversion to system of health accounts (TA).
2.4.4. Achieve the compatibility of Medula classification with the classification of system of health accounts to calculate the public health expenditures (TA).
2.4.5. Consultancy services for the analysis of data on private health expenditures, out of pocket health expenditures and conversion of Medula classification to system of health accounts classification (TA).
2.4.6. Workshops on data analysis and results of pilot studies (TG).
2.4.7. Study visits on system of health accounts (TG).

2.5.1. Improve the methodology of population projections based on administrative sources (TA)
2.5.2. Produce better prediction of population size, age and sex structure as well as demographic characteristics of the national and sub-national level for Turkey (TA).
2.5.3. Efficient package program used for producing population projections
2.5.4. Improve the technical and human resource capacity as well as relevant experiences (TA and TG).

2.6.1. Improve data collection on international migration based on administrative sources with related organizations (TA).
2.6.2. Produce regular, reliable and comparable data on international migration with related organizations.
2.6.3. Provide International migration statistics according to EU standards (TA).
2.6.4. Improve the technical and human resource capacity as well as relevant experiences (TA and TG).

2.7.1. Improve administrative registers with related organizations (TA)
2.7.2. Produce regular, reliable and comparable statistics related with census purposes with related organizations
2.7.3. Provide annual official statistics (demographic, social and economic statistics) from administrative registers according to EU standards (TA)

2.7.4. Consultancy on the production of statistics related with census purposes by using existing administrative registers (TA)
2.7.5. Improve technical and human resource capacity as well as relevant experiences (TG).
2.7.6. Participate in seminars and study visits to gain more technical experience (TG)

2.8.1. Produce methodology of annual updates of earnings (TA and TG)
2.8.2. Produce methodology of annual updates of labour cost produced (TA and TG)

2.9.1. Improve the survey methodology including questionnaire design and field application techniques, definitions of concepts and coverage etc. with an EU expert (TA).
2.9.2. Participation to working parties, workshops, conferences, study visits in member state statistical offices and local meetings with Regional Office staff (TG).

2.10.1. The results of the studies being realized through the Task Force established by the Eurostat in order to review the quality of the LFS (mainly coherence and comparability aspects) will be followed (TG).
2.10.2. Main quality concerns and lacks of the Turkish LFS will deeply be investigated together with an international expert (TA).
2.10.3. During these studies, appropriate solutions will be developed for removing the determined problems (TA)
2.10.4. Participation to working parties, workshops, conferences, study visits in member state statistical offices and local meetings with Regional Office staff (TG).

3. Improvement of Environment Statistics and Accounts
3.1.1. Organize local training programmes for related persons of municipalities and industrial enterprises (as data providers) and staff in regional offices of TurkStat and other related ministries (as data collectors) (TG) .
3.1.2. Estimate emissions of PM10, NH3, black smoke, PAH and other Air Quality Strategy Pollutants (TA).
3.1.3. Analyze and clarify EMEP/CORINAIR methodology (TA).
3.1.3. Produce SEEA tables on hybrid water flow accounts for Turkey
3.1.4. Analyze and evaluate to ensure the quality of water and waste data.

4. Improvement of macro economic statistics
4.1.1. Identify data sources and estimation methods needed to improve the EDP notification Tables (TA)
4.1.2. Estimate missing data to complete the tables for other sub-sectors (TA)
4. 1.3. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.2.1. Identify data sources and estimation methods needed to complete the Institutional Sector Accounts up to the Capital Account (TA)
4.2.2. Compile, balance and evaluate the Institutional Sector Accounts (TA)
4.2.3. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.3.1. Conduct survey of outward foreign affiliates (TA)
4.3.2. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.4.1. Analyze data for the preparation of SUT (TA).
4.4.2. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.5.1. Improve estimation methods in private household consumption (TA).
4.5.2. Improve constant price estimation methods (TA).
4.5.3. Improve estimation of Capital Stock and GFCF (TA).
4.5.4. Improve estimation methods in subsidies (TA).
4.5.4. Improve exhaustiveness in national accounts (TA).
4.5.5. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.6.1. Calculation of GDP at NUTS 2 level in current values (TA).
4.6.2. Estimation of FISIM at NUTS level in current values (TA).
4.6.3. Analysis of the results of the study and the preparation of a report on regional GDP.
4.6.4. Compilation of employment and compensation of employees at NUTS level in current values (TA).
4.6.5. Preparing the inventory with the description of the methods and concepts, underlying statistics that are relevant for the compilation of regional accounts and long-term plan for the future work on regional accounts (TA).
4.6.6. Participate in training courses, study visits, workshops and working parties and conferences (TG).

4.7.1. Select sample houses sold and bought and design of price collection questionnaire (TA).
4.7.2. Conduct housing price survey and calculate Housing Price Index
4.7.3. Participate in study visit (TG).

4.8.1. Select sample products, reporting units and representative commodities, design of price collection questionnaire.
4.8.2. Conduct import price survey of importers Calculate import price index
4.8.3. Participate in study visit (TG).

4.9.1. Methodological comparison of output price indices for construction and Building Construction Cost Index.
4.9.2. Participate in study visit (TG).

4.10.1. Select reporting units and representative services, design of price collection questionnaire.
4.10.2. Conduct price survey of service producers. Calculate producer price index for services.
4.10.3. Participate in study visit (TG).

5. Improvement of business statistics

5.1.1. Produce structural business statistics according to EU regulations (TA and TG)
5.2.1. Compile short term business indices according to EU regulations (TA and TG)

6. Increased capacity building and institutional strengthening of TurkStat

6.1.1. Within the framework of Strategic Management and Performance Based Budgeting, data/information collected from its sources, monitoring and evaluation done (TA and TG)
6.1.2. Standardization and coordination in information flow maintained (TA and TG)
6.1.3. Reliable, secure and timely data/information used by decision makers (TA and TG)
6.1.4. Infrastructure for internal auditing established (TA and TG)

6.2.1. Obtain information on European Statistical System (ESS) and its statistical standards (TA).
6.2.2. Provided information exchange with Eurostat, National Statistical Offices of Member States, Acceding and Candidate Countries and EFTA Countries (TA and TG).
6.2.3. Strengthened compliance monitoring capacity of the staff (TA and TG)

6.3.1. Prepare staff training programme (TA and TG)
6.3.2. Prepare Middle level administrator' training programme (TA and TG)
6.3.3. Prepare High level administrator' training programme (TA and TG)
6.3.4. Prepare other staff' training programme (TA and TG)

6.4.1. Participate in training courses, study visits and workshops TurkStat staff (TG)
6.4.2. Support project management and compliance monitoring (TA).

6.5.1. Plan an EU Visibility plan (TA)
6.5.2. Organize a seminar or conference on EU Visibility to promote the project (TA)

3.5 Conditionality and sequencing:

Sustainable coordination between TurkStat and statistical data providers is important in ensuring the projects success. The completion of an evaluation study on current USST-II project is a precondition for launching the tender procedure for the service contract.

Contract Sequence should be as follows:
      1. Direct Grant Agreement for Training
      2. Service Contract for TA

3.6 Linked activities

The main linked activity to this programme is *Upgrading the Statistical System of Turkey (USST) – Phase I* and *Phase 2*. USST Phase 1 implemented during the period of January 2003- March 2007. The Programme consisted of the following components; Setting up of a business register system, Reform of the business statistics, their collection system and statistical units, Review and renovation of the IT system of the TurkStat, Reform of the agricultural statistics system, Upgrading of the regional

statistical system, introduction of NUTS classification, data collection systems and a regional indicator database, Smaller projects as the household budget survey, social surveys and upgrading national accounts, etc., Improving dissemination of statistical data, Establishment of a classification server with links to other administrations, Participation in the Community Multi-Beneficiary Programme for Statistics, Capacity building and institutional strengthening.

TurkStat currently conducts USST Phase 2. The programme focuses on following components; Improvement of Business Register System by Studying on Enterprise Groups, Upgrading the social and demographic statistics of Turkey and establishing a system to provide periodical data, Improvement of Tourism Statistics, Improving the Business Statistics, Reform of the Agricultural Statistics System, Enhancement of environmental statistics capacity, Upgrading the Health Statistics of Turkey and Establishing a System to Provide Periodical Data, Revision of the Classification System and Classification Server of TurkStat, Development of Multi-Domain Statistical System and Statistical Analysis, Improvement of National Accounts according to the recommendation of ESA95, Improvement of information and communication technology and Support for the Improvement of Administrative Structure of TurkStat.

TurkStat participated in the Phare Multi-Beneficiary Programme 2001 for Statistics. Moreover, TurkStat has participated in the Phare 2005 Programme for Statistics implementation of which ended by the end of year 2008. Currently, TurkStat is participating to Multi-Beneficiary Programme 2006. The programme has started in January 2008 and will end by December 2010. "TurkStat is participating in the IPA 2007 Multi-Beneficiary Statistical Cooperation Programme. The programme has started in July 2008 and will end by March 2010."

1. Improvement of Business Register System
USST I Programme contained activities relating to set up BR System. Methodological studies, evaluating the administrative sources had been realised. The BR System software has not been completed. Studies are on process. USST II Programme which includes Improvement of Business Registers, Enterprise Groups and Business Demography studies. The other linked activity is Phare 2005 Project. Phare 2005 focused on Enterprise Group studies and NACE Rev.2 transition.

2. Improvement of social statistics

Social protection
The Social Protection Statistics project started as a Multi-beneficiary Programme (MBP) in 2003. Then it continued as USST II Project in 2008.

Causes of death statistics
In USST1, USST2, a new CoD certificate was developed. There is a plan for to qualify TurkStat regional offices staff on coding of CoD certificates, so that there will not be any data entry in TurkStat central office. The conversion ICD 10 index into dictionary for IRIS and editing of constructed dictionary is not achieved yet. Automated coding system for deaths should be implemented in the whole country. Also e-certification is not developed yet and put into application in all health institutions.

Health accounts

In USST2, a new form was developed in order to compile household health expenditure statistics. Also an analysis was performed on the availability of public health expenditures data and its compatibility to the Eurostat standards. Besides, a form was developed for compiling of private institutions' health expenditure data.

Earnings and labour cost statistics

Under USST 1, (a) Labour Costs Survey in Turkey in 2004 according to Eurostat recommendations and Community legislation was implemented (b) the preparatory work to launch the SES fieldwork in the 2nd quarter of 2007 was conducted.Under USST 2, Structure of Earnings Survey 2006 which is in line with EU regulations was carried out in 2007. The press release based on survey results was published in 1st of July 2008. Under PHARE 2005, national global and plausibility checks applied in SES 2006 was reviewed and compared with Eurostat's checks.

International migration
There is linked with the project on "Immigration and Asylum Statistics" under the program of Upgrading the Statistical System (USST II).

Population projections, Time use survey, Labour force survey
These activities are not linked with the previous project activities.

Census methodology
There is linked with the project on "Population and Housing Census" under the program of Upgrading Statistical System of Turkey Programme Phase II (USST II). Sub-Project C: Upgrading the Social and Demography Statistics of Turkey and Establishing a System to Provide Periodical Data. Component C3: Population and Housing Census.

3. Improvement of Environment Statistics and Accounts
Main efforts will be on data quality assurance for current environment statistics, as well as estimations of PM10, NH3, black smoke, PAH and other Air Quality Strategy Pollutants emissions, and production of hybrid water flow accounts for Turkey.

4. Improvement of macro economic statistics

Excessive Deficit Procedure (EDP) notification tables, Outward foreign affiliates statistics(FATS), Annual supply and use tables, output price indices for construction, import prices, household price index
These activities are not linked with the previous project activities.

Quarterly National Accounts
Under USST I programme five projects were carried out related to improvement of quarterly national accounts. These are; Exhaustiveness of National Accounts, Production Accounts for Non-financial Corporation Sector, Private Household Consumption, Gross Capital Formation, Capital Stock, Consumption of Fixed Capital, Estimation Methods at Constant Price. Under USST.2 programme three projects have been carried out related to improvement of quarterly national accounts these are;

Improving Methods for Constant Price Estimation, Improving Estimation Methods for Expenditure Approach, Exhaustiveness of National Accounts.

Regional Accounts
This is a linked activity with USST I and USST II.

Annual Institutional Sector Accounts

Under the USST II - Annual Institutional Sector Accounts project only the production accounts and generation of income accounts were analyzed. By this new Project studies will concentrate on secondary distribution of income account and on use of income account.

Services prices
Multi-Beneficiary Project 2006 (EU short-term consultancies). One of three missions performed in October 2008 for three-day expert visit.

5. Improvement of business statistics

Short Term Business Statistics
With USST 1 and USST 2, all of the indices required by EU Regulations has been started to compile and announce. Although these indices has been commenced to compile as these indices are new indices for TurkStat, they should be improved. With these projects the quality of these indices, methodologies and timeliness will be improved.

6. Increased capacity building and institutional strengthening of TurkStat.
Within the framework of USST II, Sub-Project M: Support for the Improvement of Administrative Structure of TurkStat is linked to this Project.

3.7 Lessons learned

The creation of an operation PIT has proved to be highly beneficial to the implementation of the Phase 1 and Phase 2. Phase 3 should be programmed in such a way that no gap between the Phase II and Phase III will occur. Therefore, keeping now trained and experience staff and keeping the impetus of improvement also in the departments is very vital for the success of the Project.

Moreover, experiences gained from the previous projects showed the importance of cooperation and coordination with other statistical data providers. Therefore, this Project is designed to ensure the participation of data providers to direct grant activities. In this frame, it is planned that participants from data providers will attend in study visits, training courses and local activities.

TR2009/0318.01

4. Indicative Budget (amounts in EUR)

ACTIVITIES	IB (1)	INV (1)	TOTAL EXP.RE EUR (a)=(b)+(e)	TOTAL PUBLIC EXP.RE EUR (b)=(c)+(d)	IPA COMMUNITY CONTRIBUTION EUR (c)	% (2)	NATIONAL PUBLIC CONTRIBUTION Total EUR (d)=(x)+(y)+(z)	% (2)	Central EUR (x)	Regional/ Local EUR (y)	IFIs EUR (z)	PRIVATE CONTRIBUTION EUR (e)	% (3)
Activity 1													
1. Service Contract for Technical Assistance	X		1.627.000	1.627.000	1.464.300	90	162.700	10	162.700	-	-	-	–
Activity 2													
2. Direct Grant Agreement for Training	X		1.389.410	1.389.410	1.250.469	90	138.941	10	138.941	-	-	-	–
TOTAL IB			3.016.410	3.016.410	2.714.769		301.641		301.641	-	-	-	–
TOTAL INV			-	-	-					-	-	-	–
TOTAL PROJECT			**3.016.410**	**3.016.410**	**2.714.769**		**301.641**		**301.641**	-	-	-	–

5. Indicative Implementation Schedule (periods broken down per quarter)

Contracts	Start of Tendering	Signature of contract	Project Completion
1. Service Contract for Technical Assistance	I/2010	IV/2010	IV/2012
2. Direct Grant Agreement for Training	---	IV/2010	IV/2012

6. Cross cutting issues (where applicable)

6.1   Equal Opportunity

The project will comply with the European Commission's equal opportunity policy. Gender equality will be respected during the implementation of project activities.

6.2   Environment

The programme will not have any adverse environmental impacts, other than those due to normal activities. The environmental statistics and indicators are mainly needed for development, monitoring and evaluation of national environmental policy. Within the EU harmonization process, significant progress has been achieved regarding especially, waste management, protection of the nature, noise, air and environmental impact assessment. There is a great effort to improve the infrastructure for environmental monitoring, auditing and reporting for increasing their efficiency and to ensure that the information flow and exchange among the relevant institutions are carried out through an integrated system. Within this context, the environmental statistics sub-component of this programme could contribute to the protection of environment in Turkey through assisting TurkStat to improve the quality of data which are to be used by the decision makers and the related institutions on this issue.

6.3   Minorities and vulnerable groups
According to the Turkish Constitutional System, the word minorities encompass only groups of persons defined and recognized as such on the basis of multilateral or bilateral instruments to which Turkey is a party. This project has no negative impact on minority and vulnerable groups. The project includes activities on several related areas, such as social protection, causes of death, migration, and health expenditures. The indicators to be produced can draw attention of the policy makers, statistics users and can contribute to improvement of living conditions of the vulnerable/disadvantageous groups such as poor, elderly, migrants, unemployed, etc

6.4   Civil Society
Not Applicable.

ANNEX 1: Logical framework matrix in standard format

LOGFRAME PLANNING MATRIX FOR Project Fiche	Programme name and number **Upgrading the Statistical System of Turkey Programme- Phase III**	
	Contracting period) expires 2 years after the signature of financing agreement	Disbursement period expires 1 year after the end date for the execution of contracts
	Total budget : **EUR 3.016.410**	IPA budget: **EUR 2.714.769**

Overall objective	Objectively verifiable indicators	Sources of Verification	
To provide adequate data and analysis for the purposes of facilitating policy decisions towards implementation of the pre-accession strategy and the adoption of the Acquis in statistics	Compliance with Acquis Communautaire; Necessary data available for the accession process, Strengthened institutional capacity and higher efficiency within the institutional frames, Improved co-operation and co-ordination between the TurkStat and other administrative units and main statistics provider, an increased know-how level and professional skills of TurkStat staff on statistical standard methods, on indicators and on information of the EU	Periodical review (Peer Review), assessment and reporting including independent monitoring and evaluation; Eurostat assessment in collaboration with other services of the European Commission; Progress reports; Regular Report	
Project purpose	**Objectively verifiable indicators**	**Sources of Verification**	**Assumptions**

To further improve the compliance with the EU standards in the selected areas of the statistical system of Turkey and to ensure the efficient coordination by the TurkStat. In order to achieve this purpose following projects will be realized. - Improvement of business register system - Improvement of social statistics - Improvement of environmental data quality - Improvement of macro economic statistics - Improvement of business statistics - Capacity building and institutional strengthening of TurkStat	- Provide sustainable Business Register System for statistical purposes (1st year 40%, 2nd year 80%). Qualified and satisfactory data which is required to catch up with EU norms (1st year 60%, 2nd year 100%) - Primary and secondary variables recommended by Eurostat is produced in 2011 on income distribution and living conditions. - All schemes satisfying social protection are covered at the end of 2012. - Incidence rate of diseases resulting in death in regional level is determined by the end of project. - Decrease in the deficiencies of system of health accounts - Population size, age and sex structure on a yearly basis in 2013. - Statistics on the population at the end of the reference year (stock data), consisting from data on persons with usual residence in the country by migration related variables in 2013. - Annual statistics on population size and demographic, social and economic characteristics of population in 2013 - Annual updates of earnings and annual updates of labour cost are produced in 2012. - Concerning the labour force survey, response rates increased, Sampling errors (CV's) and frame errors (over & under coverage rates) are decreased - Availability and quality of environmental data is increased by the end 2012. - Consistency between EDP tables and tables related to general government sector (non financial and financial accounts of government) is achieved in 2012 - Consistency between government sector accounts and EDP notifications and GFS figures is achieved	Survey results, Project report; Evaluation reports, Data sent to Eurostat, Publication, Databases, Progress report Administrative records, annual records, census results, Eurostat reports, Press Release, Management Information System.	

in 2012.

- GDP series by production approach, GDP series by expenditure approach and GDP series by income approach (2013)

- Regional GDP in current price (2013)

- 2010 based Housing Price Index is calculated and disseminated by 2012.

 - 2010 base year is appropriate for calculating import price indices.

- Output price indices for construction is decided to calculate for 2010 base year and results sent to Eurostat by 2012.

- Telecommunication and transportation comprise the major share of the GDP by 46,6% of other services in 2007. Therefore SPPI should be calculated for these sectors initially.

- All users with pre-defined roles maintained to use Management Information System actively for their all inputs/outputs by the end of 2012.

- Increased capacity building and institutional strengthening of TurkStat

Results	Objectively verifiable indicators	Sources of Verification	Assumptions
In order to achieve the objectives of the project, project cycle has been structured by sub-projects. The anticipated results for each sub-projects are: **1. Improvement of Business Register System** 1.1. Improved effectiveness of ongoing Business Registers (BR) studies aiming to set up a national BR that fully comply with EU norms according to new developments	**1. Improvement of Business Register System** 1.1. Business Demography and Enterprises Group Figures are produced in the ratio of 35% in 2001 and 70% in 2012 Usage of Business Register system by all the related bodies of TurkStat according to authorization in the ratio of 40% in 2001 and 80% in 2012. Encounter the needs of external data users in line with confidentiality in 2001 80%, in 2012 100%)	**1. Improvement of Business Register System** 1.1. Surveys, Ministry of Finance records, Other related administrative bodies , related EU documents	**1. Improvement of Business Register System** 1.1. A completed Business Register system with all required modules in order to fully comply with EU norms.

2. Improvement of social statistics	2. Improvement of social statistics	2. Improvement of social statistics	2. Improvement of social statistics
2.1. Improved quality of cross-sectional and longitudinal and regionally disaggregated data for producing income distribution, poverty, social exclusion and other socio-economic indicators.	2.1. Comparable income distribution, poverty, social exclusion and other socio-economic indicators demanded by Eurostat and produced 2011 and 2012 from cross sectional and longitudinal data.	2.1. SILC Questionnaire (yearly), The results published by; News bulletin (yearly) and Publications (yearly). The methodology summarized in the Quality reports	2.1. Administrative registers are available for improving the data quality.
2.2. Increased data quality on Social Protection Statistics	2.2. All social protection data entered by the schemes on time and these data are sent to EUROSTAT on scheduled time at the end of 2012.	2.2. Eurostat and TurkStat records	2.2. All schemes are identified by the technical personnel of TurkStat successfully.
2.3. Improved coverage of all death persons, in accordance with the EU standards and methods for causes of death statistics.	2.3. Percentage of certified and coded deaths with regard to all deaths is increased by the end of 2012.	2.3. Administrative records, annual records.	2.3. Efficient coordination between TurkStat and Ministry of Health.
2.4. Improved system of health accounts and minimized deficiencies in the system.	2.4. % 100 of health expenditures is included in the system.	2.4. Administrative records, annual records.	2.4. Efficient coordination among all related institutions
2.5. Produced population projections based on administrative sources	2.5. Population Projections at National and sub - national level based on administrative sources on a yearly basis in 2013and Demographic indicators on a yearly basis in 2013.	2.5. Administrative Sources, Census, Demographic Survey, Result of population projections, Technical Reports	2.5. Administrative sources are reliable, sufficient, consistent and accurate to produce population projections. Fertility, mortality and migration are well-formulated.
2.6. Improved international migration statistics compatible with EU standards based on administrative sources.	2.6. Statistics on immigration and emigrations that happened during a calendar year (flow data) (in 2013). Statistics on the population at the end of the reference year (stock data), consisting from data on persons with usual residence in the country by migration related variables in 2013.	2.6. Administrative records, yearly statistics on international migration, technical reports	2.6. Related organizations give access to data on international migration. Related organizations provide continuous support for achieving the Project targets
2.7. Improved population census statistics by using existing administrative registers compatible with EU standards.	2.7. Annual statistics on population size and demographic, social and economic characteristics of population in 2013	2.7. Administrative registers such as central population register, business register, building and dwelling register, education register, employment and income register, family and household register, Housing conditions. And, Existence and reliability of registers and their inter-linking with others.	2.7. Related organizations give access to data on statistical purposes. Related organizations provide continuous support for achieving the Project targets. 2010 Population and Housing Census is conducted by using existing registers
2.8. Developed annual updates for earnings and labour cost	2.8. Annual updates of earnings and annual updates of labour cost are produced in 2012.	2.8. Prepared methodology document	2.8. Having results of 2008 Labour Cost Survey and access to Structural Business Survey and Short Term Statistics results
2.9. Improved time use survey system including design of questionnaires, concepts, definitions and data quality in line with Eurostat's recommendations. And, increased quality for time use statistics	2.9. Number of comparable variables covered in the Eurostat's Recommendations on TUS increase 80%. by the end on 2012.	2.9. Time Use Survey (TUS) questionnaires and Eurostat's Recommendations on TUS	2.9. Questionnaires (diaries for time use of individuals) are needed to be filled accurately.
2.10. Investigated quality problems on Turkish Labour force survey and try to find out solutions.	2.10. Response rates increased, Sampling errors (CV's) and frame errors (over & under coverage rates) are decreased.	2.10. Quality reports.	2.10. Expert/s to be studied with need to be directly involved in this subject. The members of the TF studying on the quality of the LFS are preferred.

3. Improvement of Environment Statistics and Accounts 3.1. Increased capacity of statistical units (municipalities, industrial establishments, regional offices of the ministries etc.) providing environmental data. 3.2. Increased data availability on water, wastewater, waste, air emissions, expenditures and accounting to be reported to EU institutions	**3. Improvement of Environment Statistics and Accounts** Pollutants are reported to the European Environment Agency by the end of 2012. Filled cells in JQ-IW and WStatR are increased by the end of 2012. Quality and quantity of environmental data from administrative sources are increased by the end of 2012 The most of the air pollutants on the EMEP/CORINAIR methodology are calculated by the end of 2012. Data required to fill SEEA tables are compiled by 2012 Number of filled cells in JQ-I, and WstatR are increased by the end of 2012	**3. Improvement of Environment Statistics and Accounts** Annual environmental statistics surveys EEA reports, Eurostat reports Press releases on the environmental accounts published both on paper and internet by TurkStat	**3. Improvement of Environment Statistics and Accounts**
4. Improvement of macro economic statistics 4.1. Improved the coverage of Excessive Deficit Procedure (EDP) notification tables. 4.2. Improved coverage and quality of Non-financial accounts for institutional sectors 4.3. Improved and compiled outward foreign affiliates statistics 4.4. Improved annual supply and use tables and input-output tables 4.5. Improved quarterly national accounts According to ESA-95 recommandation by improving constant prices estimation, Private Household Consumption estimation, estimation of capital stock and gros fixed capital formation, estimation of subsides and by improving exhaustiveness in national accounts 4.6. Improved regional accounts estimation by calculating GDP at NUTS 2 level for the most recent years in current values and by compiling employment and compensation of employees at NUTS2 level for the most recent years in current values and by	**4. Improvement of macro economic statistics** 4.1. Consistency between EDP tables and tables related to general government sector (non financial and financial accounts of government) is achieved in 2012. 4.2. Consistency between government sector accounts and EDP notifications and GFS figures is achieved in 2012. 4.3. Y9 and Y10 tables were produced in 2012 and publications were prepared and the tables delivered to Eurostat in 2012. 4.4. Supply and use table at basic and purchasers' prices, trade and transport margins, taxes less subsidies on products, use table for imports, use table for domestic production and symmetric input-output table are prepared in 2012. 4.5. GDP series by production approach, GDP series by expenditure approach and GDPseries by income approach are available in 2013. 4.6. Regional GDP in current prices and regional compensation employees figures (2013) 4.7. Regular house prices were compiled and 2010 based housing price index is calculated.	**4. Improvement of macro economic statistics** 4.1. EDP notifications and questionnaires, Administrative registers and GFS figures of Ministry of Finance, Social Security Institutions and UT. General government sector accounts produced by TurkStat 4.2. Sector accounts produced by TurkStat and GFS figures produced by MoF, Financial accounts produced by Central Bank, EDP notifications. 4.3. Annual Survey of outward FATS 4.4. Balance of payment statistics, administrative data for taxes and subsidies, government expenditure and results of surveys conducted by TurkStat. 4.5. Press release 2013 4.6. Press release 2013 (including regional GDP series) 4.7. General Directorate of Land Registry and Cadastral give us the main information about the households sold and bought the houses monthly. Information can be gathered from the households sold and bought houses with a questionnaire. Moreover real estate agents and banks used for information for checking the reliability. Monthly price survey of households conducted and results of index is transmitted to Eurostat, central bank and relevant associations. 4.8. Import prices indices and Data sets 4.9. Result of Quarterly price survey	**4. Improvement of macro economic statistics** 4.1. Government sector accounts constituted, impacts the EDP Tables 4.2. Supply and Use Tables are prepared annually. Ministry of Finance should produce data related to general government sector. Not only the National Accounts Department but also the others give access to necessary data on sector accounts 4.3. Undersecreteriat of Tresaury and Annual Structural Business Survey gives the framework of the survey of outward FATS 4.4. – 4.5. – 4.6. – 4.7. General Directorate of Land Registry and Cadastral give us the main information and the other sources like real estates can be used. 4.8. Import unit value indices does not

estimating FISIM at NUTS 2 level for the most recent years in current values. 4.7. Developed household price index for households, central bank and government. 4.8. Improved statistics for "prices" variable adding "**import prices"** to measure the gross monthly change in the import price of product coming from the Rest of the World by means of price indices. 4.9. Improved statistics for "prices" variable adding "**output price indices for construction"** which can be used as an approximation for the construction cost variables. The aim of this project is to make an evaluation of replacement the construction cost variable with the output price variable in this process. 4.10. Improved statistics for "prices" variable adding "**services prices"** to measure change in prices of specific services sectors by means of price indices. TurkStat plans to develop services producer price index (SPPI) for telecommunication and SPPI for transportation with the assistance of the project.	4.8. 2010 based import price indices calculated and disseminated by 2012. 4.9. Output price indices for construction is decided to calculate for 2010 base year and results are sent to Eurostat by 2012. 4.10. SPPI for specific services sectors is calculated and set as data to be transmitted to Eurostat.	4.10. Quarterly price survey of producers	provide an accurate approach about price changes. 4.9 There are adequate data and information to calculate output price indices for construction for Turkey. Building Construction Cost Index does not provide commensurate data for construction cost variable. 4.10. The sample of the services producers is defined and price collection forms are designed. Services definitions are defined to collect prices and price collection questionnaires are sent to producers.
5. Improvement of business statistics 5.1. Improved Structural Business Statistics 5.2. Harmonized Short Term Statistics with the EU	**5. Improvement of business statistics** 5.1. Adapted methodology and survey procedures and produced comparable and compliant data with EU standards in important fields of Iron and Steel Statistics 5.2. Developed Indicators requested by short term statistics regulation are to be available by the end of project. Sufficient and comparable statistics compiled for all indicators required by the STS regulation.	**5. Improvement of business statistics** 1.2. Questionnaire 1.3. Questionnaire	**5. Improvement of business statistics** 1.2. Collecting questionnaires from the enterprises on time is necessary. 1.3. Collecting questionnaires from the enterprises on time is necessary.
6. Increased capacity building and institutional strengthening of TurkStat 6.1. Management of TurkStat started to use	**6. Increased capacity building and institutional strengthening of TurkStat** 6.1. All users with pre-defined roles maintained to use MIS actively for their all inputs/outputs by the	**6. Increased capacity building and institutional strengthening of TurkStat** 6.1. Active page view, page rank and active page time of the pre-defined users' in MIS.	**6. Increased capacity building and institutional strengthening of TurkStat** 6.1. Management of TurkStat started to use the previously developed

the previously developed Management Information System efficiently and effectively. 6.2. Increased knowledge of TurkStat staff and participants from main statistical providers on specific areas of the Statistical Acquis Communautaire. 6. 3. Comprehensive technical training to TurkStat Staff was provided. 6.4. Strengthened project management and compliance monitoring capacity of the staff	end of 2012.. 6.2. Increased knowledge of TurkStat experts and major providers of statistics with the statistics being compiled EU Member States and their compilation methods, standard and terminologies by the end of project. 500 TurkStat staff is trained. 200 experts are trained from other statistics providers	6.2. Project reports, Mission reports, Evaluation reports, Audit reports 6.3. Comprehensive training to TurkStat staff was provided Satisfaction Survey results and evaluation reports	Management Information System efficiently and effectively. 6.2. Appropriate training courses for statisticians are available from specialized training institutions or National Statistical Offices when required, and Member States remain committed to offer study visits. Cooperation and full involvement of all statistics providers.
Activities	**Means**	**Costs**	**Assumptions**

1. Improvement of Business Register System 1.1. BR standards are fully complied with EU norms. 1.1.2. The BR system is finalised 1.1.3. Necessary modules (Enterprise Groups (EGs), Business Demography (BD) and NACE transition modules) are integrated to the system 1.1.4. Authorized staff use the system 1.1.5. The staff from regional offices of TurkStat is trained in the subject of BR system.	1X Service contract with technical assistance 1X Direct Grant Agreement for Training	**EUR 1.627.000** **EUR 1.389.410**		1.1. Conditions are NPAA and BR Regulation. The staff from other administrative bodies participate the NACE 2 coding training. Trained staff for the EGs and BD survey. Required experience on maintaining BR data is gained
2. Improvement of social statistics 2.1 Improved quality of cross-sectional longitudinal and regionally disaggregated data for producing income distribution, poverty, social exclusion and other socio-economic indicators. 2.1.1. Implementation of the Turkish version of the Eurostat micro simulation model SM2 with the consultancy of the EU experts. 2.1.2. Construct the panel data analyzing system with the consultancy of the EU and local experts. 2.1.3. Organize the local meetings with regional offices experts for evaluation of the implementation of SILC. 2.1.4. Participation of the meetings, workshops, conferences, seminars and study visits 2.2.1. The possible SP data suppliers will be identified to increase the coverage. 2.2.2. A contact person will be identified in the related organizations/schemes and a how to fill out the ESSPROS questionnaires training will be constructed. 2.2.3. A web based data entry system will be constructed to collect the data on time. The related persons of the schemes can see their old data on the SP data based system. 2.3.1. Automated coding system by means of IRIS software programme is established. - Qualify TurkStat regional offices staff on				**2.1. Improvement of social statistics** All schemes are identified by the technical personnel of TURKSTAT successfully, The trained personnel of the schemes are not sifted to another position and they are entered the data via web on time. A coordination among Ministry of Health and TurkStat, improved capacity of TurkStat regional offices staff on coding Coordination among all related institutions. Administrative sources are reliable, sufficient, consistent and accurate to produce population projections Assumptions on fertility, mortality and migration are well-formulated Related organizations give access to data on international migration Related organizations provide continuous support for achieving the Project targets

coding of CoD certificates. - The conversion ICD 10 index into dictionary for IRIS and editing of constructed dictionary. - A pilot application is conducted to generalize the automated coding system for deaths. 2.3.2. A report on future activities of e-certification was produced for complete coverage of deaths correctly and harmonization of web base e-certification with automated coding system and the necessary studies are conducted. - Training course for TurkStat staff on e-certification - Improve e-certification and apply a pilot study on e-certification on different kinds of health institutions - Workshops on e-certification, automated coding and codification. 2.3.3. Training of related staff 2.4. 1. The analysis of the data obtained by means of the questionnaires prepared for the foundations and associations and private insurance companies. 2.4.2. The analysis of the data obtained by means of the questionnaires prepared for the households to calculate the out of pocket health expenditures. 2.4.3. Construct a system to calculate health expenditures of private corporations which can be obtained from business statistics and its conversion to system of health accounts. 2.4.4. Achieve the compatibility of Medula classification with the classification of system of health accounts to calculate the public health expenditures. 2.4.5. Consultancy services for the analysis of data on private health expenditures, out of pocket health expenditures and conversion of Medula classification to system of health accounts classification. 2.4.6. Workshops on data analysis and results of pilot studies. 2.4.7. Study visits on system of health accounts. 2.5.1. Improve the methodology of			Related organizations give access to data on statistical purposes Related organizations provide continuous support for achieving the Project targets 2010 Population and Housing Census be conducted by using existing registers Having results of 2008 Labour Cost Survey and access to Structural Business Survey and Short Term Statistics results Studies may only be realized in the suitable period for the Unit. There is no other condition.

population projections based on
administrative sources
2.5.2. Produce better prediction of population
size, age and sex structure as well as
demographic characteristics of the national
and sub-national level for Turkey.
2.5.3. Efficient package program used for
producing population projections
2.5.4. Improve the technical and human
resource capacity as well as relevant
experiences.

2.6.1. Improve data collection on
international migration based on
administrative sources with related
organizations
2.6.2. Produce regular, reliable and
comparable data on international migration
with related organizations.
2.6.3. Provide International migration
statistics according to EU standards.
2.6.4. Improve the technical and human
resource capacity as well as relevant
experiences.

2.7.1. Improve administrative registers with
related organizations
2.7.2. Produce regular, reliable and
comparable statistics related with census
purposes with related organizations
2.7.3. Provide annual official statistics
(demographic, social and economic statistics)
from administrative registers according to
EU standards
2.7.4. Consultancy on the production of
statistics related with census purposes by
using existing administrative registers
2.7.5. Improve technical and human resource
capacity as well as relevant experiences
2.7.6. Participate in seminars and study visits
to gain more technical experience.

2.8.1. Produce methodology of annual
updates of earnings
2.8.2. Produce methodology of annual
updates of labour cost produced

2.9.1. Improve the survey methodology
including questionnaire design and field

application technics, definitions of concepts and coverage etc. with an EU expert. 2.9.2. Participation to working parties, workshops, conferences, study visits in member state statistical offices and local meetings with Regional Office staff. 2.10.1. The results of the studies being realized through the Task Force established by the Eurostat in order to review the quality of the LFS (mainly coherence and comparability aspects) will be followed. 2.10.2. Main quality concerns and lacks of the Turkish LFS will deeply be investigated together with an international expert. 2.10.3. During these studies, appropriate solutions will be developed for removing the determined problems. 2.10.4. Participation to working parties, workshops, conferences, study visits in member state statistical offices and local meetings with Regional Office Staff **3. Improvement of Environment Statistics and Accounts** 3.1.1. Organize local training programmes for related persons of municipalities and industrial enterprises (as data providers) and staff in regional offices of TurkStat and other related ministries (as data collectors) for; 3.1.2. Estimate emissions of PM10, NH3, black smoke, PAH and other Air Quality Strategy Pollutants. 3.1.3. Analyze and clarify EMEP/CORINAIR methodology 3.1.3. Produce SEEA tables on hybrid water flow accounts for Turkey 3.1.4. Analyze and evaluate to ensure the quality of water and waste data. **4. Improvement of macro economic statistics** 4.1.1. Identify data sources and estimation methods needed to improve the EDP notification Tables 4.1.2. Estimate missing data to complete the tables for other sub sectors			**3. Improvement of Environment Statistics and Accounts** Physical supply and use tables for water flow accounts were produced within the USSTII project **4. Improvement of macro economic statistics** Data compliance with ESA 95 should be provided for all of the subsectors of government Data compliance with ESA 95 should be provided for all of the institutional sectors Structural Business Survey results for the year 2007-2009 is given to National Accounts and Economic Indicators Department Households provide price data

4. 1.3. Participate to training courses, study visits, workshops and working parties and conferences. 4.2.1. Identify data sources and estimation methods needed to complete the Institutional Sector Accounts up to the Capital Account 4.2.2. Compile, balance and evaluate the Institutional Sector Accounts, 4.2.3. Participate to training courses, study visits, workshops and working parties and conferences. 4.3.1. Conduct survey of outward foreign affiliates 4.3.2. Participate to training courses, study visits, workshops and working parties and conferences. 4.4.1. Analyze data for the preparation of SUT. 4.4.2. Participate to training courses, study visits, workshops and working parties and conferences. 4.5.1.Improve estimation methods in private household consumption 4.5.2. Improve constant price estimation methods 4.5.3.Improve estimation of Capital Stock and GFCF 4.5.4. Improve estimation methods in subsidies 4.5.4. Improve exhaustiveness in national accounts 4.5.5. Participate to training courses, study visits, workshops and working parties and conferences. 4.6.1. Calculation of GDP at NUTS 2 level in current values. 4.6.2. Estimation of FISIM at NUTS level in current values. 4.6.3. Analysis of the results of the study and the preparation of a report on regional GDP 4.6.4. Compilation of employment and compensation of employees at NUTs level in current values. 4.6.5. Preparing the inventory with the			required. Importers provide price data required. Producers provide data required.

description of the methods and concepts, underlying statistics that are relevant for the compilation of regional accounts and long-term plan for the future work on regional accounts. 4.6.6. Participate to training courses, study visits, workshops and working parties and conferences. 4.7.1. Select sample houses sold and bought and design of price collection questionnaire 4.7.2. Conduct housing price survey and calculate Housing Price Index (Equipments) 4.7.3. Participate to study visit. 4.8.1. Select sample products, reporting units and representative commodities, design of price collection questionnaire 4.8.2. Conduct import price survey of importers Calculate import price index 4.8.3. Participate to study visit. 4.9.1. Methodological comparison of output price indices for construction and Building Construction Cost Index. 4.9.2. Participate to study visit. 4.10.1. Select reporting units and representative services, design of price collection questionnaire 4.10.2. Conduct price survey of service producers. Calculate producer price index for services. 4.10.3. Participate to study visit. **5. Improvement of business statistics** 5.1.1. Produce structural business statistics according to EU regulations 5.2.1. Compile short term business indices according to EU regulations **6. Increased capacity building and institutional strengthening of TurkStat** 6.1.1. Within the framework of Strategic Management and Performance Based Budgeting, data/information collected from its sources, monitoring and evaluation done.			**5. Improvement of business statistics** Working on regulations and new decisions taken by EU

6.1.2. Standardization and coordination in Information flow maintained. 6.1.3. Reliable, secure and timely data/information used by decision makers. 6.1.4. Infrastructure for internal auditing established. 6.2.1. Obtained information on European Statistical System (ESS) and its statistical standards. 6.2.2. Provided information exchange with Eurostat, National Statistical Offices of Member States, Acceding and Candidate Countries and EFTA Countries. 6.2.3. Strengthened compliance monitoring capacity of the staff 6.3.1. Prepare training programmes for TurkStat and statistics provider. 6.3.2. Prepare Middle and high level administrator' training programme 6.3.3. Improve quality of all kind of formal statistics in Turkey. 6.3.4. Obtain standard methodology and technical usage in formal statistics. 6.4.1. Participate in training courses, study visits and workshops TURKSTAT staff 6.4.2. Support project management and compliance monitoring. 6.5.1. Plan an EU Visibility plan (TA) 6.5.2. Organize a seminar or conference on EU Visibility to promote the project (TA)			