

**Table 1. The 2008 SNA Implementation Plan Components – Country: The former Yugoslav Republic of Macedonia**

|   | Status 2012 <sup>1</sup>  | Main problems and planned activities in 2012   | Progress made since 2012  | Outstanding problems and future activities   | Need for TA, training, guidelines | Planned timeframe |
|---|---|--|---|--|-----------------------------------|-------------------|
| <b>STAGE 1</b> - Review of national or regional statistical strategic papers to include there the 2008 SNA implementation |   |  |   |  |                                   |                   |
| Identification of and consultation with the main stakeholders for the 2008 SNA implementation. Institutional agreements.  | Established a Commission on SNA implementation and working groups on sectorization and financial accounts | More efforts are needed on the institutional agreements and distribution of responsibilities for data collection and harmonization of milestones of actions. | In April 2013, an Annex to the MoU in the field of macroeconomic and financial statistics was signed, stating that the National Bank of the Republic of Macedonia (NBRM) will be responsible for the compilation of Financial Accounts Statistics. It was agreed among the three institutions that further efforts should be undertaken to improve the quality of the data in order to align with 2008 SNA requirements.<br>In October 2013, an Inter-Institutional Group (SSO, MF, NB and Central Register) for sectorization was established, in order to work on reaching consistency of the sectorization at the national level, as well as to improve the available frequency of data on institutional sectors from annual to quarterly. | Work is focused on examination of the units from available BR and other information. |                                   | Continuously      |
| Prioritization for 2008 SNA, based on user needs and resources.   | Discussions are planned   |  | Translation of 2008 SNA in Macedonian was completed and 2008 SNA was put on the website of the SSO. One common seminar was organized for about 30 participants of different ministries and NB.  |  |                                   | 2012              |
| Inclusion of the implementation of the 2008 SNA in the overall strategic plan of the statistical office                   | SNA elements will be included in the 5-year programme   | 2012 - discussions and adoption by the Government  | In the strategic plan and Work Programme 2013-2017 revision of data was added as action and all preparatory work was performed. Revision policy was adopted by SSO and put on the   |  | Completed                         | 2013              |

<sup>1</sup> Not available yet, discussed, planned, ongoing, finished, etc.

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|--|---|---|---|---|-----------------------------------|-----------------------------|
|  |   |   | website of the SSO  |   |                                   |                             |
| Adoption of detailed action plan for 2008 SNA.   | Plan under discussion   | The plan will be part of the planning process of the Work Programme 2013-2017<br>Financial resources are trained staff are main conditions. | The programme was adopted. The Statistical Council was informed twice about the implementation activities   |   | Completed                         | 2013                        |
| <b>STAGE 2</b> - Review of work needed to support implementation of the 2008 SNA                     |   |   |   |   |                                   |                             |
| Adoption of new classifications and other improvements in business registers and business statistics |   | Activities are subject of the 5-year programme, the IPA projects and other technical assistance plans.                                      | Harmonization of all classifications of products and activities in business statistics is regularly updated and work on group of units is ongoing.                                    |   | Trainings are needed              | 2014                        |
| Changes in business statistics surveys and questionnaires to collect the necessary source data       | Planned   | Changes have been discussed. Analysis of the existing data is ongoing. In some cases financial resources are limited.                       |   |   | Training is needed                | Continuously                |
| Changes in other related source statistics compiled by the statistical office                        | Planned   |   | In the Investment survey, questions were added regarding software and R&D and intellectual property.  |   |                                   | 2015                        |
| Review of related macroeconomic data sets compiled outside the statistical office                    |   |   |   |   |                                   |                             |
| Adaptation of administrative data sources to new requirements  | Planned   | Analytical work and negotiations  | It was agreed with the Ministry of Finance to put an additional question in the special questionnaire on computer software produced for own final use, and data on R&D and databases. |   |                                   | 2015                        |
| IT and other changes. Staff resources.   | In 2012-2013, electronic data collection programme will be introduced |   | The project of electronic data collection is completed and the results are planned to be used in 2014.  | Redesign of data warehouse is planned as project in IPA 2013. |                                   | Continuously<br>2016 - 2017 |
| <b>STAGE 3</b> - Development of National Accounts and changeover to the 2008 SNA                     |   |   |   |   |                                   |                             |
| <b>Main priorities for</b>   |   |   |   |   |                                   |                             |

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| <b>SNA implementation</b>          |                          |   |  |   |  |                   |
| Improvements in sector accounts    | Planned                  | Preliminary sector accounts for 2008-2010 have been prepared.   | Progress made within the IPA National project. Balancing procedure developed and SUT improved.   |   | Trainings are needed   | 2014-2015         |
| Compilation of financial accounts  | Planned                  | Responsibilities of institutions are under discussion; data sources and exchange of data need to be resolved. | In April 2013, an Annex to the MoU in the field of macroeconomic and financial statistics was signed, stating that the National Bank of the Republic of Macedonia (NBRM) will be responsible for the compilation of Financial Accounts Statistics. | According to the Annex, it is agreed that annual data from the financial statements of non-financial corporations and government units will be transmitted to NBRM by the SSO. The first receipt of government units' and non-financial corporations' financial statement for 2010 was in July 2013, based on which the NBRM constructed a trial set of Financial Accounts for 2010. It has been concluded that back data do not meet SNA 1993 and ESA 1995 basic valuation, instruments breakdown and coverage principles, as well as that there are inconsistencies with other macroeconomic statistics data sources. It was agreed among the three institutions that further efforts should be undertaken to improve the quality of the data in order to align with SNA requirements. Establishment of Security Statistics - providing data from Central Securities Depository on security by security basis, as a medium term project in the NBRM | TA or Training for better utilization of the existing balance sheet data, as well as the most appropriate possible implementation of current instruments breakdown and coverage principles, in line with SNA 2008.<br>TA or Training for estimations methods for missing data. | 2014-2017         |
| Accrual calculation of budget data | Discussed                | Decision should be made   | In 2012, one mission was organized on accrual calculation of components of GDP with participants of SSO, NB and Ministry of Finance  | Data on wages and salaries are available on monthly basis from the Tax Office. It is the first stage for the start of the work.   | Training is needed   | 2015-2016         |

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| Classification of assets                                  | Planned   | Under discussion in the SSO. New survey will be needed and new data from the accounting of the enterprises | Within the IPA national programme, consultations with Accounting agency are organized related to balance sheets and recording of Assets. Information was sent to the Government on classification of assets according to SNA 2008.  | Valuation of assets and reclassification should still be examined. | Training needed  | 2014-2016         |
| Harmonization of classifications of SNA and BP M6         | Started   | Planned in the Programme of NB   | New or amended reporting rules were adopted for further alignment with the requirements set out in the BOP6. Preparatory statistical and IT work on the new standard BOP reporting forms have been undertaken. The start of compilation of BOP data in accordance BPM6 is scheduled for 2014. |  | TA for better measuring of goods for processing and merchandising. TA or training on compilation of insurance services in the BOP. | 2015              |
| <b>Outstanding issues from SNA 1993:</b>                  | Discussed, ongoing  | They are included in the National programme for harmonization.   |   |  |  | 2012-2013         |
| <b>New issues arising from the 2008 SNA:</b>              | Included in the plan for promotion and in the new 5-year plan 2013-2017 | Activities are planned in the supportive programmes of SSO, NB   | One training was organized through TAIEX support on GFCF (PIM method was applied on some assets. The results will be applied in the new data.) .  |  | Further TA is needed   | 2015-2016         |
| <b>Main issues affecting GDP</b>                          |   |  |   |  |  |                   |
| i. Military equipment as part of the IC of the Government | Planned   | Ministry of Defense obtains data. Data analysis is ongoing.  | Data will be prepared according to 2008 SNA.  |  |  | 2014              |
| ii. Improvements in consumption of fixed capital          | Planned   | Ongoing  | PIM is applied for calculation of CFC (implemented in dwelling services - inputted rents, roads)  | PIM calculation is ongoing process for other type of assets.       | Trainings are needed   | 2015              |
| iii. Accrual calculation of budget data                   | Planned   | Decision should be made  |   |  | Training is needed   | 2014-2015         |
| iv. R&D   | Planned   | Under discussion in the SSO. New survey will be needed.  | Data from Frascati survey are used and R&D has been calculated in accordance with ESA 2010. Series will be prepared accordingly.  |  | Training is needed for improvement of calculations   | 2014              |
| v. Computer software                                      |   |  | Question related to computer software according to 2008 SNA is included in investment survey conducted by the SSO.  | Additional data should be examined                                 |  | 2015              |

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| vi. Land improvements   |                          |  | Data are available from the investment survey. Household sector should be further improved regarding this category.   |   |  | 2014-2015         |
| vii. Harmonization of classifications of SNA and BP M6  | Started                  | Planned in the Programme of NB                 | New or amended reporting rules were adopted for further alignment with the requirements set out in the BOP6. Preparatory statistical and IT work on the new standard BOP reporting forms have been undertaken. The start of compilation of BOP data in accordance BPM6 is scheduled for 2014.   |   | TA for better measuring of goods for processing and merchanting. TA or training on compilation of insurance services in the BOP. | 2015              |
| viii. Back casting of series  |                          | Will be difficult                              | Data series 2000-2013 will be prepared in accordance with 2008 SNA for main aggregates. Back data planned for next years.   |   |  | 2014              |
| <b>GNI and other primary indicators</b>   |                          |  |   |   |  |                   |
| For rest of the world – external accounts of primary income and current transfers, capital and financial accounts (BPM 6) | Planned                  | Planned in the NBRM annual programme 2010-2013 | Data from the new FDI survey are fully consistent with the FDIR framework. The new survey has been implemented in 2013, with 2012 as first reporting year. Amended reporting rules were adopted for further alignment with the requirements set out in the BOP6. Preparatory statistical and IT work on the new standard BOP reporting forms has been undertaken. The start of compilation of BOP data in accordance BPM6 is scheduled for 2014 | Establishment of security by security data reporting system as a medium term project started in 2013. Draft reporting rules with the required data structure and format has been defined and first feedback from the reporters was received. The data collection is planned for end 2014. A new project for building a new Data Warehouse System for adequate data processing and dissemination has been launched in 2013, since one of the major outstanding problems is the current IT infrastructure. The current IT software solutions do not fully support the new SDMX DSD standards. | TA for building and maintenance of Data Warehouse in order to achieve better management of the statistical processes.            | 2014-2015         |

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| <b>Institutional sector accounts (non-financial accounts)</b>                   |                          |  |  |   |  |                            |
| For all institutional sectors – Production account to Capital account           | Available, experimental  | Improvements of methods and sources  | All accounts prepared, SUT used as tool for balancing (2008-2010).   | Applying current experience in further regular preparation of accounts. | Trainings needed   | 2014-2015                  |
| <b>Institutional sector accounts: Financial account</b>                         |                          |  |  |   |  |                            |
| For all institutional sectors – Financial account                               | Planned                  | Data integration, additional data sources and data analysis, and responsibilities of institutions are under discussion; data sources and exchange of data need to be resolved. For financial accounts plans are under negotiation between SSO and NBM. | In April 2013, an Annex to the MoU in the field of macroeconomic and financial statistics was signed, stating that the National Bank of the Republic of Macedonia (NBRM) will be responsible for the compilation of Financial Accounts Statistics. |   | Trainings<br><br>TA for data integration, utilization of other macroeconomic aggregates for estimations of missing data. | 2013-2014<br><br>2014-2017 |
| <b>Institutional sector accounts: Balance sheets</b>                            |                          |  |  |   |  |                            |
| For all institutional sectors – Other changes in assets account, Balance sheets | Planned                  | Data integration, additional data sources and data analysis.   |  |   | Trainings are needed   | 2014-2016                  |