

## PROGRESS REPORT 2 – ACTIVITY 7 – Improvement of availability and reliability of regional statistics for Moldova’s decision makers

Date: 13 January 2014

Ward ID: 00057446

Project Name: Strengthening the National Statistical System of RM

Implementing Partner: GOVERNMENT (National Bureau of Statistics)

Reported Period: 1 June – 31 December 2013

### 1. Activity major targets for 2013-14:

1. Review of data sources and methodologies in REGIONAL DEVELOPMENT areas undertaken to meet official statistics’ quality criteria; recommendations to increase their use for evidence-based policy-making made
2. EU REGULATIONS applied to national statistics: country distribution according to NUTS
3. New data in areas of REGIONAL DEVELOPMENT made available for the research and policy development
4. Capacities of statisticians to produce data in areas of REGIONAL DEVELOPMENT and of policy-makers to use them are built
5. Statisticians offered opportunities of PROFESSIONAL DEVELOPMENT learning from EU/int. standards and exchange initiatives
6. RESULTS of statistical surveys including REGIONAL STATISTICS disseminated in user-friendly outputs, responding to data users’ needs
7. KNOWLEDGE and ABILITIES of data users (Regional development Agencies, CPA), strengthened within at least 3 tailored trainings on evidence-based policy making, estimation of impact, justification of new policies, etc.

### 2. Project Performance

Component I: SUPPORT THE EVIDENCE-BASED MONITORING OF REGIONAL DEVELOPMENT POLICY											
Quality criteria	Timeframe	Results of Activities									
		User Perspective	Resources Status	Timeliness							
Set of regional development (RD) indicators identified, incl. list of statistical indicators which are not available, but would be relevant to produce and use for regional development		Implementation of the “ <i>Calendar-Plan for implementing the activities for improvement of availability and reliability of regional statistics</i> ” by the NBS with the assistance of the National Institute of Statistics of Romania / NISR									
	November	<p><a href="#">Advisory mission no. 5 of an expert-statistician from the NISR on production of the territorial profile of indicators in the area of LABOUR and SALARY EARNING STATISTICS , Chisinau, 18-20 November 2013</a></p> <p>The objective of the mission was to assess the activities carried out in NBS in relation to production and monthly dissemination of indicators in the area of labour and salary earning statistics, in territorial profile.</p> <table border="1"> <thead> <tr> <th>Topics tackled during the mission</th> <th>Persons involved</th> </tr> </thead> <tbody> <tr> <td>- Evaluation of data sources used in estimating the monthly number of employees at region level</td> <td>NISR-Romania: Mihaela Anghel, Division for Calculating the Indicators on Population and External Migration, Statistics of Salaries and Education Service</td> </tr> <tr> <td>- Presentation of the method to estimate the indicator “number of employees by the end of month” in territorial profile</td> <td>NBS: Elena Vătcărău, Labour Marker Statistics</td> </tr> <tr> <td>- Analysis of the method testing results for January-October 2013 and proposals for improvement</td> <td></td> </tr> </tbody> </table>	Topics tackled during the mission	Persons involved	- Evaluation of data sources used in estimating the monthly number of employees at region level	NISR-Romania: Mihaela Anghel, Division for Calculating the Indicators on Population and External Migration, Statistics of Salaries and Education Service	- Presentation of the method to estimate the indicator “number of employees by the end of month” in territorial profile	NBS: Elena Vătcărău, Labour Marker Statistics	- Analysis of the method testing results for January-October 2013 and proposals for improvement		1053,4 USD (travel Anghel)
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<ul style="list-style-type: none"> <li>- Evaluation and validation of the developed methodology from the perspective of its compliance with the EU/international standards</li> <li>- Discussions over the problems induced by the developed method of estimation, with short-term impact over the evolution of the indicators,</li> <li>- Presentation of the modality to disseminate in territorial profile the short-term indicators in the area of salary statistics</li> </ul>	Division Natalia Kleinknecht and Vasilița Nazarciuc, Salaries Statistics Section Lilian Galer, Statistical Methods Section
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As a result of the mission:

1. The algorithm for estimating the monthly number of employees at the regional level was validated.
2. It was confirmed that the monthly data series to be produced and disseminated starting in 2014, by regions and activity sectors, are estimated according to the estimation method developed within the project, according to the model developed by the NISR.
3. To ensure the coherence of the disseminated information, the NISR expert recommends to calculate and disseminate the “monthly gross average salary earning” by regions and sectors of activity.
4. The conclusion was drawn that from the methodological point of view, for the area of labour and salary earning statistics, the objective of producing the statistical indicators in territorial profile was achieved.  
The estimation method developed for the monthly production of the indicator “number of employees” at the level of region and activity sector is coherent, based on the available resources, without any additional resources or additional load for respondents/statisticians (as in case of extending the representativeness of the monthly survey in territorial profile). Currently, it is considered that the need of statistical data use may be met via this modality of producing and disseminating statistical indicators in the area of labour and salary earnings statistics, with monthly and respectively annual periodicity.
5. For data dissemination, the NISR expert recommends to publish the data on monthly bases for the “number of employees by the end of the period” estimated in territorial profile, for these data to be marked as “estimated” and “provisional” (for the months for which the annual weights are used from the year T-2), and after their recalculate (with the annual weight of the year T-1) as “re-estimated” data.
6. Taking into account the application of the estimation method of the “number of employees” in territorial profile, the NISR expert recommends for the results to be sent by NBS in the field, ensuring thus the complete and correct volume of methodological forecast and that of the metadata.
7. NBS has developed the method for estimating the monthly data of the number of employees by the end of the month, by regions and activity sectors, hence supporting the statistical data user. In case of the annual indicators, the disaggregation level by rayons is already provided, in line with the needs of the national users and decision makers, as well as in compliance with the EU Regulations to which the Republic of Moldova will have to get aligned when joining the European structures.

Actions for 2014 to finish the activity related to the indicators from the area of LABOUR and SALARY EARNINGS STATISTICS in territorial profile	Deadlines
1. To approve the developed methodology and toolkit at the Board meeting	January 2014
2. To estimate monthly the number of employees, including by regions and sectors of activity	Starting in April 2014
3. To disseminate them	


	Activity on production of the Industrial Production Index at the territorial level (Roadmap, act. IV) included:						
July 2013	<ul style="list-style-type: none"> <li>(IPI.1) Advisory mission (no. 6) on production of the Industrial Production Index at the territorial level (by regions), Bucharest, 15-19 July 2013</li> </ul> <p>Two statisticians from the National Bureau of Statistics (NBS), specialists in industry statistics, were delegated to benefit of consultancy from the NISR-Romania regarding the calculation of the Industrial Production Index at the region level - Svetlana Bulgac, Head of Industry, Energy and Constructions Statistics Division, Valentina Comarnițchi, Head of the Industry Section in the Industry, Energy and Constructions Statistics Division.</p> <p>The working visit has included also the collaboration with the Territorial Statistical Division of Bucharest Municipality (TSDBM).</p>	2976,2 USD (travel Comarnițchi, Bulgac)	Executed on time				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="607 443 1626 507" style="text-align: center;"><i>Topics tackled during the mission</i></th> <th data-bbox="1626 443 1816 507" style="text-align: center;"><i>Persons involved</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="607 507 1626 1230"> <p>Consultation from NISR regarding:</p> <ul style="list-style-type: none"> <li>NISR practice regarding the developed of the IPI in territorial profile (at the county level) with monthly periodicity based on the monthly statistical surveys of the industrial enterprises.</li> <li>Reasoning for the calculation of the IPI at the territorial level</li> <li>Validation at the central level of the IPI calculated by the DJS</li> <li><b>Presentation of the experience of the Territorial Statistical Division of Bucharest Municipality in calculating the IPI at the country level:</b> <ul style="list-style-type: none"> <li>data sources;</li> <li>used nomenclatures;</li> <li>selection of representative units at the level of Bucharest municipality;</li> <li>selection of the calculation method (fixed-basis indices versus chain indices);</li> <li>development of the soft used for calculating the IPI at the level of Bucharest municipality;</li> <li>dissemination of IPI at the county level.</li> </ul> </li> <li><b>Implementation of CAEN, rev.2 in calculating the IPI and IPPI</b> <ul style="list-style-type: none"> <li>development of the conversion matrix for CAEN rev.1.1 – CAEN rev.2;</li> <li>recalculation of the data series according to the new classification;</li> <li>ensuring the comparability of data.</li> </ul> </li> <li><b>Presentation of the draft methodology for calculating the IPI at the territorial level in the Republic of Moldova</b> <ul style="list-style-type: none"> <li>the need to develop the IPI at the territorial level;</li> <li>the used nomenclatures;</li> <li>development of sample of representative units at the territorial level;</li> <li>presentation of the processing flow and the responsibilities for DTS and NBS.</li> </ul> </li> </ul> </td> <td data-bbox="1626 507 1816 1230"> <p><b>NISR-Romania:</b> Nina Alexevici Violeta Băicoianu Adina Secăreanu</p> <p><b>TSDBM-Romania:</b> Laurențiu Gavrilă Crina Mănescu Corina Sacală Stela Florescu</p> <p><b>NBS:</b> Svetlana Bulgac Valentina Comarnițchi</p> </td> </tr> </tbody> </table>	<i>Topics tackled during the mission</i>	<i>Persons involved</i>	<p>Consultation from NISR regarding:</p> <ul style="list-style-type: none"> <li>NISR practice regarding the developed of the IPI in territorial profile (at the county level) with monthly periodicity based on the monthly statistical surveys of the industrial enterprises.</li> <li>Reasoning for the calculation of the IPI at the territorial level</li> <li>Validation at the central level of the IPI calculated by the DJS</li> <li><b>Presentation of the experience of the Territorial Statistical Division of Bucharest Municipality in calculating the IPI at the country level:</b> <ul style="list-style-type: none"> <li>data sources;</li> <li>used nomenclatures;</li> <li>selection of representative units at the level of Bucharest municipality;</li> <li>selection of the calculation method (fixed-basis indices versus chain indices);</li> <li>development of the soft used for calculating the IPI at the level of Bucharest municipality;</li> <li>dissemination of IPI at the county level.</li> </ul> </li> <li><b>Implementation of CAEN, rev.2 in calculating the IPI and IPPI</b> <ul style="list-style-type: none"> <li>development of the conversion matrix for CAEN rev.1.1 – CAEN rev.2;</li> <li>recalculation of the data series according to the new classification;</li> <li>ensuring the comparability of data.</li> </ul> </li> <li><b>Presentation of the draft methodology for calculating the IPI at the territorial level in the Republic of Moldova</b> <ul style="list-style-type: none"> <li>the need to develop the IPI at the territorial level;</li> <li>the used nomenclatures;</li> <li>development of sample of representative units at the territorial level;</li> <li>presentation of the processing flow and the responsibilities for DTS and NBS.</li> </ul> </li> </ul>	<p><b>NISR-Romania:</b> Nina Alexevici Violeta Băicoianu Adina Secăreanu</p> <p><b>TSDBM-Romania:</b> Laurențiu Gavrilă Crina Mănescu Corina Sacală Stela Florescu</p> <p><b>NBS:</b> Svetlana Bulgac Valentina Comarnițchi</p>		
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	<p>As a result of the advisory mission:</p> <ol style="list-style-type: none"> <li>There were studied in detail the main actions and steps undertaken to implement the calculation of the IPI in territorial profile.</li> <li>The experts from NISR were presented the draft methodology for calculating IPI in territorial profile by NBS Moldova.</li> <li>The use of IPPI in calculating the territorial IPI was studied, as well as the method how to recalculate the IPPI in the new structure of CAEN rev.2 to ensure the coherence of IPI and IPPI and the comparability of data.</li> <li>The subsequent actions for NBS were set so as to adjust the methodology of calculating the territorial IPI in RM and its implementation.</li> </ol>						

<p>August- November 2013</p>	<ul style="list-style-type: none"> <li>(IPI.2) Development of the software for entering and processing statistical data to calculate the Industrial Production Index at the territorial profile</li> </ul> <p>Based on the knowledge accumulated during the study mission to the NISR related to the territorial IPI (see above), there were developed the technical requirements for calculating the territorial IPI in RM, and a local IT expert was identified and recruited, Veaceslav Chirilov, to develop the software for imputation and processing of data from the Enterprise Survey to calculate the IPI.</p> <p>During the reported period, in coordination with the NBS specialists, the following results were obtained:</p> <ul style="list-style-type: none"> <li>- the files necessary for calculating the territorial IPI were created;</li> <li>- the draft version of the software for calculating the territorial IPI was developed;</li> <li>- the developed software was tested as well as the calculation of the IPI for Chisinau municipality</li> <li>- the files for producing the CAEM at class level were developed for every rayon in the total value of the manufactured production,</li> <li>- the files were developed for the monthly average value of the production manufactured in the basic year in the component territories</li> <li>- the exit tables were prepared for IPI;</li> <li>- the verification (validation) calculation was made for the index calculated at the territorial level in relation to that calculated at the national level, according to the similar territory method and standard method at the national level;</li> <li>- the NBS specialists were trained how to use and maintain the produced software.</li> <li>- The IT solution was validated by the NISR experts and sent to NBS for subsequent use.</li> </ul>	<p>1990 USD (IC Chirilov)</p>	<p>Executed with a delay of 2 months</p>				
	<ul style="list-style-type: none"> <li>(IPI.3) Advisory mission (no. 7) on production of the Regional Production Index at the territorial level (by regions), Chisinau, December 2-6, 2013</li> </ul> <p>The mission agenda of the NISR experts at NBS included the following topics:</p> <table border="1" data-bbox="607 842 1800 1094"> <thead> <tr> <th data-bbox="607 842 1507 879">Topics tackled during the mission</th> <th data-bbox="1507 842 1800 879">Persons involved</th> </tr> </thead> <tbody> <tr> <td data-bbox="607 879 1507 1094"> <ul style="list-style-type: none"> <li>- Examination of the results obtained for calculating the territorial IPI based on the test calculation for Chisinau municipality;</li> <li>- Expertise of tables for converting the index of industrial production prices from version CAEM rev. 1.1 in version CAEM rev.2, which are used for calculating the territorial IPI</li> </ul> </td> <td data-bbox="1507 879 1800 1094"> <p>NISR-Romania: Nina Alexevici Adina Secăreanu NBS: Svetlana Bulgac Valentina Comarnitchi Galina Ermurachi</p> </td> </tr> </tbody> </table> <p>As a result of the mission of the NISR experts:</p> <ul style="list-style-type: none"> <li>- <u>The IT solution</u> presented by the NBS specialists was appreciated as a modern one, <u>easy to use, facile</u> and at the same time allowing to follow step by step the validation of data according to the calculation algorithm, and this fact allows to detect immediately and solve any eventual inconsistency or deviations.</li> <li>- It was established the <u>fulfilment of the objectives set</u> in the current implementation stage of the territorial IPI calculation (municipality, rayon, development region) within the Project for Regional Statistics Development in RM.</li> <li>- As a result of the pilot exercise undertaken by the NBS, the NISR statisticians have recommended for the <u>dissemination</u> of data to be carried out at the level of <u>development region</u> and not rayon, due to the high volatility of data at this dissemination level.</li> <li>- The work undertaken by the NBS specialists to implement the version PRODCOM 2013 in calculating IPI and IPPI was appreciated, as well as the fulfilment of the national version PRODMOLD, which should be applied starting with the data collected for January 2014.</li> </ul>	Topics tackled during the mission	Persons involved	<ul style="list-style-type: none"> <li>- Examination of the results obtained for calculating the territorial IPI based on the test calculation for Chisinau municipality;</li> <li>- Expertise of tables for converting the index of industrial production prices from version CAEM rev. 1.1 in version CAEM rev.2, which are used for calculating the territorial IPI</li> </ul>	<p>NISR-Romania: Nina Alexevici Adina Secăreanu NBS: Svetlana Bulgac Valentina Comarnitchi Galina Ermurachi</p>	<p>2454,6 USD (travel Secareanu, Alexevici)</p>	<p>Executed with delay of 2 months</p>
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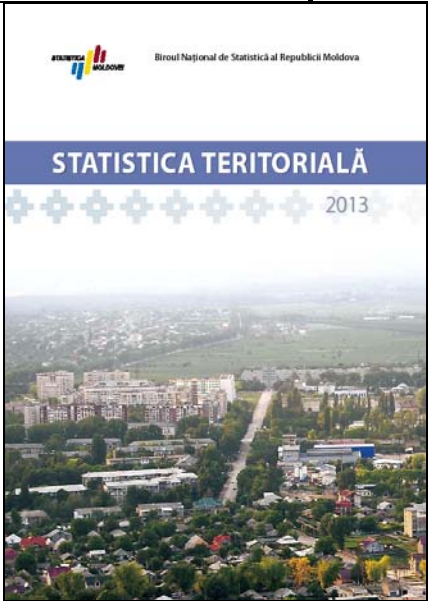
	<ul style="list-style-type: none"> <li>During the current project for implementation of the IPI calculation in territorial profile, it is necessary to implement the calculation of the Turnover Index in territorial profile, which represents one of the main short-term indicators in the area of industry statistics harmonised with the EU standards.</li> </ul>						
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July 2013	<p><b>GROSS REGIONAL PRODUCT/GRP</b> (Roadmap, activity III)</p> <p>Mission (no.8) to the NISR regarding the methodology for calculating the Gross Regional Product in Romania, Bucharest, 15–19 July 2013</p> <p>Three specialists from NBS benefited from consultancy in NISR regarding:</p> <table border="1"> <thead> <tr> <th>Topics tackled during the mission</th> <th>Persons involved</th> </tr> </thead> <tbody> <tr> <td>           Consultation from NISR on:           <ul style="list-style-type: none"> <li>regional accounts in Romania – general presentation;</li> <li>regional territory;</li> <li>used data sources (agriculture, hunting, and forestry; fishing and fish growing; extracting and processing industry, including electricity, heating, has and water; constructions; services.)</li> <li>types of institutional units;</li> <li>regionalisation methods;</li> <li>methodology for calculating the GRP in current prices;</li> <li>estimation of regional aggregated by activity branches, calculation of regional GPR;</li> <li>program for sending the regional data according to SEC95;</li> <li>switching from regional gross added value to regional gross domestic product;</li> <li>distribution of taxes and subsidies by products.</li> </ul> </td> <td>           Valentina Gîdilica, Ludmila Habaşescu, Head and Deputy Head of the Division of National Accounts and Macroeconomic Synthesis, Aurora Garabajiu, Deputy Head of the Agriculture and Environment Statistics Division.         </td> </tr> </tbody> </table> <p>Results:</p> <p>The knowledge obtained as a result of the exchange of experience with the NISR colleagues, as well as the experience accumulated over the years of calculating the GDP will be applied for developing the GRP.</p> <p>The production of the GRP implies a long period of preparation, hence it is recommended:</p> <ul style="list-style-type: none"> <li>the composition of development regions in RM to correspond to the Nomenclature of Statistical Territorial Units (NUTS);</li> <li>to develop the GRP in line with NUTS1, NUTS2 and NUTS3;</li> <li>to revise and complete the necessary information sources for ensuring the calculations;</li> <li>to work together with the NBS divisions/sections so as to ensure the necessary information for calculating regional indicators;</li> <li>to work together with central authorities (ministries, agencies, commissions, offices) to obtain the missing data sources.</li> </ul>	Topics tackled during the mission	Persons involved	Consultation from NISR on: <ul style="list-style-type: none"> <li>regional accounts in Romania – general presentation;</li> <li>regional territory;</li> <li>used data sources (agriculture, hunting, and forestry; fishing and fish growing; extracting and processing industry, including electricity, heating, has and water; constructions; services.)</li> <li>types of institutional units;</li> <li>regionalisation methods;</li> <li>methodology for calculating the GRP in current prices;</li> <li>estimation of regional aggregated by activity branches, calculation of regional GPR;</li> <li>program for sending the regional data according to SEC95;</li> <li>switching from regional gross added value to regional gross domestic product;</li> <li>distribution of taxes and subsidies by products.</li> </ul>	Valentina Gîdilica, Ludmila Habaşescu, Head and Deputy Head of the Division of National Accounts and Macroeconomic Synthesis, Aurora Garabajiu, Deputy Head of the Agriculture and Environment Statistics Division.	4590,4 USD (travel Gîdilica, Garabajiu, Hăbăşescu)	Executed on time
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	Actions for future to finish activity III	Deadlines		
	The branch (statistical) divisions will undertake measures to obtain the data by economic development zones.	2014-2015		
July – September 2013	<p><b>Performing DEMOGRAPHIC CALCULATION at the territorial level in RM (activity VIII, Roadmap)</b></p> <p>Upon NBS request, there was announced the tender to select a national consultant to perform the calculation of the demographic indicators in territorial profile. The main goal of this activity was to ensure the quality and comprehensiveness of the data about the demographic phenomena in regional aspect. The activity was performed with the assistance of the national consultant, Tatiana Medvediuc, statistician with huge experience in the area, selected on competition basis.</p> <p>The stages for performing the demographic calculations in territorial profile were the following:</p> <ol style="list-style-type: none"> <li>1. studying the data sources and the methodological basis for calculation</li> <li>2. preparing the tables for calculating the indicators in Excel format</li> <li>3. calculation of indicators</li> <li>4. verification of obtained data</li> <li>5. preparing the necessary tables for data use and dissemination</li> <li>6. short analysis of obtained results</li> <li>7. formulation of the main conclusions</li> <li>8. development of the proposals to improve the calculation of demographic indicators in future.</li> </ol> <p>As a result of the respective activity, there were prepared and filled in the tables already posted in the Databank, including:</p> <ul style="list-style-type: none"> <li>– population ageing coefficient (number of persons aged 60 years old and over per 100 inhabitants), at the beginning of 2007-2013 - 7 tables;</li> <li>– population average age for 2007-2013 - 7 tables;</li> <li>– indices of demographic load (number of children aged 0-14 years and elderly people aged 60 years and over per 100 persons aged 15-59 years), at the beginning of 2007-2013 - 1 table;</li> <li>– total fertility rate for 2007-2012 - 1 table;</li> <li>– female fertility per age groups (new-borns per 1000 women of the respective age) and the average age of mothers at birth for 2007-2012 - 2 tables;</li> <li>– life expectancy at birth by sex for 2007-2012 - 1 table.</li> </ul> <p>The obtained results contribute to:</p> <ul style="list-style-type: none"> <li>✓ extending the NBS databank (on NBS official site: <a href="http://www.statistica.md">www.statistica.md</a>) with 22 tables with indicators of demographic statistics in territorial aspect (regions, rayons, cities);</li> <li>✓ disseminating the suggested indicators via different thematic publications (including the one with territorial statistics);</li> <li>✓ determining the value of the integrated territorial indicator of demographic security for every rayon;</li> <li>✓ ensuring the central and local public administration authorities, as well as other users, with demographic statistics in territorial profile;</li> <li>✓ improving the monitoring of demographic processes in the country;</li> <li>✓ evaluating the fulfilment of the National Strategic Program for RM Demographic Security (2011- 2025);</li> <li>✓ using regional statistics for strategic planning at national and regional levels, the aim being the development of policy documents, studies, analyses for regional development.</li> </ul>	1500 USD (IC Medvediuc)	Executed on time Finished by the end of September 2013	

		<p>Based on the obtained time series, for the purpose of comparing and identifying the models of regional demographic development, there was developed a short analysis of the regional differentiation in relation to the demographic processes happening in the country. The detailed analysis will allow subsequently to identify some practical and constructive solutions to tackle the imbalances, regions' closeness in relation to the level of demographic development, exceed of disintegrating trends. <i>The Information Memo is annexed.</i></p> <p>Due to some methodological problems appearing when performing the calculations and lack of information, the consultant has developed a set of <i>proposals for future to improve the calculation of demographic indicators, including:</i></p> <ul style="list-style-type: none"> <li>✓ the study of existing international practice for demographic calculation and forecasting for areas with reduced population and a small number of demographic events (small areas);</li> <li>✓ improvement of the existing algorithms for calculations at national and regional levels (for instance, the algorithm for calculating the mortality tables for the areas with reduced population, based on calculation of age coefficients of mortality), etc.</li> <li>✓ development of an interconnected system for calculation of demographic forecasts at the national and regional levels.</li> </ul>						
		<b>Extending the DATABANK of the NBS with regional statistical indicators and development of the PUBLICATION WITH REGIONAL INDICATORS</b>						
	August 2013	<p><b>Use of GIS applications in statistical activity, especially in dissemination of data in territorial profile</b> <i>(activity IX.3, Roadmap)</i></p> <ul style="list-style-type: none"> <li>• (GIS.1) Mission (no. 9) of familiarisation of the NBS personnel with the GIS area, 12-14 August 2013</li> </ul> <p>The respective mission has included a training for 14 NBS statisticians, during which the participants were familiarised with the main theoretical elements and practical skills of using GIS applications in statistics:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Training topics</i></th> <th style="text-align: center;"><i>Persons involved</i></th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• basic notions regarding GIS</li> <li>• GIS applications: accuracy of digital data, models of geo-reference data, platforms used by GIS</li> <li>• information sources of GIS</li> <li>• areas of application of GIS</li> <li>• IS databases</li> <li>• stages for implementing GIS in statistics</li> <li>• economic assessment of GIS implementation</li> <li>• data analysis</li> <li>• introduction in ArcView 3</li> <li>• thematic maps</li> </ul> </td> <td style="vertical-align: top;"> <p>NBS: 14 statisticians from dissemination, IT, and branch divisions NISR: Daniel Vîrdol, Deputy Director, Division of Statistical Data Dissemination and PR</p> </td> </tr> </tbody> </table> <p>The training was divided into 9 sessions, the most important ones being the practical exercises. The information obtained by NBS on administrative maps of RM was used as example for practical exercises.</p>	<i>Training topics</i>	<i>Persons involved</i>	<ul style="list-style-type: none"> <li>• basic notions regarding GIS</li> <li>• GIS applications: accuracy of digital data, models of geo-reference data, platforms used by GIS</li> <li>• information sources of GIS</li> <li>• areas of application of GIS</li> <li>• IS databases</li> <li>• stages for implementing GIS in statistics</li> <li>• economic assessment of GIS implementation</li> <li>• data analysis</li> <li>• introduction in ArcView 3</li> <li>• thematic maps</li> </ul>	<p>NBS: 14 statisticians from dissemination, IT, and branch divisions NISR: Daniel Vîrdol, Deputy Director, Division of Statistical Data Dissemination and PR</p>	1507,9 USD (travel Vîrdol)	Executed on time
<i>Training topics</i>	<i>Persons involved</i>							
<ul style="list-style-type: none"> <li>• basic notions regarding GIS</li> <li>• GIS applications: accuracy of digital data, models of geo-reference data, platforms used by GIS</li> <li>• information sources of GIS</li> <li>• areas of application of GIS</li> <li>• IS databases</li> <li>• stages for implementing GIS in statistics</li> <li>• economic assessment of GIS implementation</li> <li>• data analysis</li> <li>• introduction in ArcView 3</li> <li>• thematic maps</li> </ul>	<p>NBS: 14 statisticians from dissemination, IT, and branch divisions NISR: Daniel Vîrdol, Deputy Director, Division of Statistical Data Dissemination and PR</p>							
	November 2013	<ul style="list-style-type: none"> <li>• (GIS.2) Mission (no. 10) to apply in practice the knowledge related to GIS, 6-7 November 2013</li> </ul> <p>The respective mission is a follow-up for the training from August, aiming to validate the results obtained by the NBS specialists in creating geo-reference maps with statistical indicators in territorial profile to be used in the NBS publication of territorial statistics (being finalised). A number of 30 maps were created.</p> <p>The mission agenda included the following topics:</p>	1061,81 USD (travel Vîrdol)	Executed on time				

		<p style="text-align: center;"><i>Tackled topics</i></p> <ul style="list-style-type: none"> <li>• Representation of quantities on the map, success and failure examples of using different types of maps, symbols, colours, etc.</li> <li>• Classification of data in Arc GIS, examples of applying different types of classes and intervals</li> <li>• Comparing different indicators using two or more maps, examples of success/failures</li> <li>• Presentation of maps created by the NBS specialists for the publication "Territorial Statistics"</li> <li>• Analysis of created maps</li> <li>• Proposals for improving the created maps</li> <li>• Standardization (creation of pre-set models) of graphical and text elements in ArcGIS</li> <li>• Practical exercises. Finalizing the maps.</li> </ul>	<p style="text-align: center;"><i>Persons involved</i></p> <p>NBS: Lilia Racu, Corina Vicol, Division of Statistical Information Synthesis and Dissemination NISR: Daniel Virdol, Deputy Director, Division of Statistical Information Dissemination and PR</p>													
	<p>September – December 2013</p>	<ul style="list-style-type: none"> <li>• <b>DATABANK</b> (<i>activity IX.1, Roadmap</i>)</li> </ul> <p>The following was carried out within the respective activity:</p> <table border="1" data-bbox="622 778 1809 997"> <thead> <tr> <th style="text-align: center;"><i>Activity and deadlines</i></th> <th style="text-align: center;"><i>Deadlines and responsible from NBS</i></th> </tr> </thead> <tbody> <tr> <td>1. Development of tables with new statistical indicators in regional profile</td> <td>September – October Branch divisions</td> </tr> <tr> <td>2. Training of NBS specialists on using PC-Axis family programs</td> <td>September – October Disim. Div. (L. Racu) + DGTI + branch divisions</td> </tr> <tr> <td>3. Set up of the databank for the new area – Territorial Statistics</td> <td>October 2013 Dissemination Division (L. Racu)</td> </tr> </tbody> </table> <p>As of December 31, 2014 a newly-created compartment in the NBS databank, called "Territorial Statistics" (<a href="http://statbank.statistica.md/pxweb/Database/RO/databasetree.asp">http://statbank.statistica.md/pxweb/Database/RO/databasetree.asp</a>) has included 15 statistical areas containing 92 territorial indicators (by zones/regions, rayons, cities, communes) disaggregated by other dimensions as well (age, area, sex, education level, ownership form, destination of population expenses, utilities, surface, type of offence, industrial products, elements of investment structure), with time series since 2002.</p> <table border="1" data-bbox="622 1181 1809 1305"> <thead> <tr> <th style="text-align: center;"><i>Actions in 2014 to finish activity IV</i></th> <th style="text-align: center;"><i>Responsible persons, deadlines</i></th> </tr> </thead> <tbody> <tr> <td>4. To fill in the databank with new indicators developed/calculated in territorial profile and publishing them on the web</td> <td>December 2013 – February 2014 Dissemination Division (M. Godiac, L. Racu) + DTI + branch divisions</td> </tr> </tbody> </table> <p><b>Final results expected from the activity (<i>act.IX.1, Roadmap</i>):</b> A new compartment with TERRITORIAL STATISTICS in the databank, which would include tables with territorial statistical indicators, from all the social and economic statistical areas, with time series of minimum 5 years, with quarterly and annual periodicity.</p>	<i>Activity and deadlines</i>	<i>Deadlines and responsible from NBS</i>	1. Development of tables with new statistical indicators in regional profile	September – October Branch divisions	2. Training of NBS specialists on using PC-Axis family programs	September – October Disim. Div. (L. Racu) + DGTI + branch divisions	3. Set up of the databank for the new area – Territorial Statistics	October 2013 Dissemination Division (L. Racu)	<i>Actions in 2014 to finish activity IV</i>	<i>Responsible persons, deadlines</i>	4. To fill in the databank with new indicators developed/calculated in territorial profile and publishing them on the web	December 2013 – February 2014 Dissemination Division (M. Godiac, L. Racu) + DTI + branch divisions	<p>N/A</p>	<p>Executed with a delay of 2 months</p>
<i>Activity and deadlines</i>	<i>Deadlines and responsible from NBS</i>															
1. Development of tables with new statistical indicators in regional profile	September – October Branch divisions															
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4. To fill in the databank with new indicators developed/calculated in territorial profile and publishing them on the web	December 2013 – February 2014 Dissemination Division (M. Godiac, L. Racu) + DTI + branch divisions															



	July – December 2013	<ul style="list-style-type: none"> <li><b>PUBLICATION with territorial statistics</b> (activity IX.2, Roadmap)</li> </ul> <p>The following was carried out in the respective activity:</p> <table border="1" data-bbox="622 213 1809 560"> <thead> <tr> <th data-bbox="622 213 1323 244">Activity</th> <th data-bbox="1323 213 1809 244">Responsible persons and deadlines</th> </tr> </thead> <tbody> <tr> <td data-bbox="622 244 1323 308">1. Setting the structure of the publication, tables, format, edition, technical parameters, etc.</td> <td data-bbox="1323 244 1809 308">July Dissemination division + branch divisions</td> </tr> <tr> <td data-bbox="622 308 1323 371">2. Preparing tables with territorial indicators by areas + methodological notes</td> <td data-bbox="1323 308 1809 371">July – September</td> </tr> <tr> <td data-bbox="622 371 1323 435">3. Layout of the publication</td> <td data-bbox="1323 371 1809 435">October Project with a specialist assistance</td> </tr> <tr> <td data-bbox="622 435 1323 499">4. Correcting the layout of the publication by NBS</td> <td data-bbox="1323 435 1809 499">November, Dissemination division + branch divisions</td> </tr> <tr> <td data-bbox="622 499 1323 560">5. Printing the publication (conditioned that the maps with territorial statistical indicators are finished on time)</td> <td data-bbox="1323 499 1809 560">December Project + printing house</td> </tr> </tbody> </table> <p><b>Final results expected from the activity (act.IX.2, Roadmap):</b> Content of the publication developed, including 18 chapters with territorial statistics in 17 statistical areas, 100 tables, time series for 2008-2012. To facilitate the understanding by the users of the published data, 43 maps were included in the publication. The publication was printed in 400 copies. They will be distributed in January 2014 to users (central and local public authorities, RDA, CSO, international organisations) to be used in planning, development, monitoring, and reporting of activities and results of institutions.</p>	Activity	Responsible persons and deadlines	1. Setting the structure of the publication, tables, format, edition, technical parameters, etc.	July Dissemination division + branch divisions	2. Preparing tables with territorial indicators by areas + methodological notes	July – September	3. Layout of the publication	October Project with a specialist assistance	4. Correcting the layout of the publication by NBS	November, Dissemination division + branch divisions	5. Printing the publication (conditioned that the maps with territorial statistical indicators are finished on time)	December Project + printing house	1600 USD (IC Ion Axenti – layout, design)  2616,7 USD (publishing )	Executed on time
Activity	Responsible persons and deadlines															
1. Setting the structure of the publication, tables, format, edition, technical parameters, etc.	July Dissemination division + branch divisions															
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	September – December 2013	<ul style="list-style-type: none"> <li><b>QUARTERLY BULLETIN with regional statistical indicators</b></li> </ul> <table border="1" data-bbox="622 903 1809 1153"> <thead> <tr> <th data-bbox="622 903 1323 933">Activity</th> <th data-bbox="1323 903 1809 933">Responsible person, deadlines</th> </tr> </thead> <tbody> <tr> <td data-bbox="622 933 1323 1153">Based on the identification of regional statistical indicators, the content and the format of the Quarterly Bulletin will be adjusted. Two new tables will be included in the Annual Bulletin (disseminated in March 2014): - Structure of investments in material assets on long term by types of fixed assets; - Technological structure of investments in active assets o long term</td> <td data-bbox="1323 933 1809 1153">September – December 2013 Dissemination Division (Maria Godiac, Corina Vicol) + branch divisions</td> </tr> </tbody> </table>	Activity	Responsible person, deadlines	Based on the identification of regional statistical indicators, the content and the format of the Quarterly Bulletin will be adjusted. Two new tables will be included in the Annual Bulletin (disseminated in March 2014): - Structure of investments in material assets on long term by types of fixed assets; - Technological structure of investments in active assets o long term	September – December 2013 Dissemination Division (Maria Godiac, Corina Vicol) + branch divisions	N/a									
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	August 2013	<ul style="list-style-type: none"> <li><b>Studying the Latvian experience in ENSURING QUALITY OF DATA COLLECTED AT REGIONAL LEVEL in household sample-based surveys</b></li> <li>Mission (no.11) on implementation of quality management in NBS sample-based surveys, Riga, 26-29 August 2013</li> </ul> <p>The statistical data collected in the sample-based statistical surveys (incomes and expenditures of the population, poverty rate, unemployment rate, employed population, etc.) are extremely important for planning and developing policies in sustainable regional development area. Assurance of quality for collected data at the national and regional levels, is of major importance and needs to improve the management of collected data quality.</p>	2326,37 USD (flights Belous, Borș, Cutrani)  <i>Note: Activity co-funded from UN</i>	Executed on time												

Three specialists – statisticians from NBS and TSO Balti have benefited of consultancy from the Latvian Central Statistical Office regarding:

<i>Topics tackled during the mission</i>	<i>Persons involved</i>
Consultation from the CSO regarding: <ul style="list-style-type: none"> <li>- Management of interviewers' networks in the field: roles, responsibilities</li> <li>- Administrative and logistical aspects of training process</li> <li>- Management of data collection process</li> <li>- Quality of data collection</li> <li>- Operation of the Section for Interviewers' Coordination;</li> <li>- Methodology and practice for recruitment/training of network personnel;</li> <li>- Methodology and working practice between operator and controller</li> <li>- Methodology and practice of financial fostering of operators;</li> <li>- Methodology and practice for assessing the quality of data collected for LFS and HBS;</li> <li>- Study visit to a territorial office.</li> </ul>	CSO-Latvia: Melita Vītola, Head of Section coordinating the interviewers NBS: Oxana Belous, Larisa Bors, Head and Deputy Head of the Service coordinating the data collection in households Aliona Cutrani, Head of the Sample-based Surveys Section, TSO Balti.

Set of recommendations and proposals for future expressed by the mission participants include such aspects as:


- Consolidation of personnel capacities in the section coordinating operators' network;
- Implementation of new technologies for data collecting;
- Annual testing of interviewers and setting some qualification degrees based on it;
- Establishing an act of interviewers performance quality, which would register quarterly/annually, the quality of the work performed by the interviewer in the field, report of interviewer's activity;
- He services of the interviewers depending on the quality of the performed work;
- Efficient management of network's costs;
- Gradual switch to the organisation of regional trainings;
- Adjusting the process of interviewers' recruitment.


The mission on implementation of quality management in the NBS survey-based surveys in the CSO Riga was followed by a number of follow-up activities, taken over/developed and supported from UNDP and UN Women funds:

- i. Workshops on gradual implementation of quality management of social surveys in the Republic of Moldova, Vadul lui Vodă, 31 October - 1 November 2013
- ii. Assistance from the Central Statistical Office from Latvia for development and implementation of quality management in households-based surveys, Andra Jansone, 25-28 November 2013
- iii. Development of the new toolkit for monitoring and evaluating data quality in households-based surveys – to be finalised in 2014 by NBS

*For details about follow-up activities – see the progress report for activities 1-6 of the UN Joint Project.*

*funds:  
3360 USD  
(daily  
allowances  
+transp. local)*

	September 2013	<p><b>CONSOLIDATION OF RDA PERSONNEL CAPACITIES to use regional statistics for evidence/data-based planning, monitoring, and evaluation</b></p>								
		<ul style="list-style-type: none"> <li>• (RDA.1) Training No. 1 on territorial statistics, 5-6 September 2013, Vadul-lui-Voda</li> </ul> <p>Alongside the 7 experts-statisticians from NBS, Mrs Sândica Neagu, at the respective moment the Director of the Division for coordinating the National Statistical System from NISR, the specialist in urban and regional statistics, was delegated to provide consultancy and to participate as trainer in the training seminar no. 1 for the personnel of the RDA and MRDC.</p> <p>The respective training was attended by: representatives of the MRDC of RM (deputy minister, head of the General Regional Development Division, head of the Division of Regional Cooperation and Policy, head and specialists of the Regional Statistics Section), representatives of the Regional Development Agencies; representative of the Romanian Embassy in Moldova, (in total 28 participants, including trainers, of which 17 women and 11 men).</p> <p>The training participants were familiarised and trained about the following:</p> <table border="1" data-bbox="616 587 1800 1209"> <thead> <tr> <th data-bbox="616 587 1348 624"><i>Tackled topics</i></th> <th data-bbox="1348 587 1800 624"><i>Trainers</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="616 624 1348 1050"> <p><b>Components of the training presented by NBS:</b></p> <ul style="list-style-type: none"> <li>– Notions, concepts, basic elements in statistics theory (notions regarding the type of indicators, units of measure, etc.). Practical exercises ;</li> <li>– National statistical system of the Republic of Moldova. Legal framework. Users of official statistical data and data suppliers;</li> <li>– System for official statistics dissemination. Access and use of regional statistics databases. Studies and analyses developed by NBS, their access and use.</li> <li>– Statistics of population</li> <li>– Statistics of labour force and salary earnings</li> <li>– Social statistics (part): Living conditions/level of population, social protection of population</li> </ul> </td> <td data-bbox="1348 624 1800 1050"> <p><b>Experts from NBS:</b></p> <p>Lilian Galer Section statistical methods NBS Ala Pâslariuc, NBS Information and communication with mass-media Service, Lilia Racu, Division of statistical information dissemination and synthesis, NBS Ecaterina Jardan, Demographic statistics section, NBS Vladimir Ganța, Labour market statistics Division Natalia Kleinknecht, Section of salary statistics, NBS Ala Negruța, Division of Social and Living Standards Statistics</p> </td> </tr> <tr> <td data-bbox="616 1050 1348 1209"> <p><b>Components of the training presented by NISR Romania:</b></p> <ul style="list-style-type: none"> <li>– Regional dimension of economic development. Principles, objectives and structures of regional development strategies</li> <li>– Regional policies</li> </ul> </td> <td data-bbox="1348 1050 1800 1209"> <p><b>Experts from NISR</b></p> <p>Sândica Neagu, Director Division for coordinating the national statistical system</p> <p><i>Note: although initially it was envisaged to</i></p> </td> </tr> </tbody> </table>	<i>Tackled topics</i>	<i>Trainers</i>	<p><b>Components of the training presented by NBS:</b></p> <ul style="list-style-type: none"> <li>– Notions, concepts, basic elements in statistics theory (notions regarding the type of indicators, units of measure, etc.). Practical exercises ;</li> <li>– National statistical system of the Republic of Moldova. Legal framework. Users of official statistical data and data suppliers;</li> <li>– System for official statistics dissemination. Access and use of regional statistics databases. Studies and analyses developed by NBS, their access and use.</li> <li>– Statistics of population</li> <li>– Statistics of labour force and salary earnings</li> <li>– Social statistics (part): Living conditions/level of population, social protection of population</li> </ul>	<p><b>Experts from NBS:</b></p> <p>Lilian Galer Section statistical methods NBS Ala Pâslariuc, NBS Information and communication with mass-media Service, Lilia Racu, Division of statistical information dissemination and synthesis, NBS Ecaterina Jardan, Demographic statistics section, NBS Vladimir Ganța, Labour market statistics Division Natalia Kleinknecht, Section of salary statistics, NBS Ala Negruța, Division of Social and Living Standards Statistics</p>	<p><b>Components of the training presented by NISR Romania:</b></p> <ul style="list-style-type: none"> <li>– Regional dimension of economic development. Principles, objectives and structures of regional development strategies</li> <li>– Regional policies</li> </ul>	<p><b>Experts from NISR</b></p> <p>Sândica Neagu, Director Division for coordinating the national statistical system</p> <p><i>Note: although initially it was envisaged to</i></p>	<p>2400,16 USD (training costs, contract Odiseu)</p> <p><i>Mission 12 NISR- 1830,8 USD (travel Neagu)</i></p>	<p>Executed on time</p>
<i>Tackled topics</i>	<i>Trainers</i>									
<p><b>Components of the training presented by NBS:</b></p> <ul style="list-style-type: none"> <li>– Notions, concepts, basic elements in statistics theory (notions regarding the type of indicators, units of measure, etc.). Practical exercises ;</li> <li>– National statistical system of the Republic of Moldova. Legal framework. Users of official statistical data and data suppliers;</li> <li>– System for official statistics dissemination. Access and use of regional statistics databases. Studies and analyses developed by NBS, their access and use.</li> <li>– Statistics of population</li> <li>– Statistics of labour force and salary earnings</li> <li>– Social statistics (part): Living conditions/level of population, social protection of population</li> </ul>	<p><b>Experts from NBS:</b></p> <p>Lilian Galer Section statistical methods NBS Ala Pâslariuc, NBS Information and communication with mass-media Service, Lilia Racu, Division of statistical information dissemination and synthesis, NBS Ecaterina Jardan, Demographic statistics section, NBS Vladimir Ganța, Labour market statistics Division Natalia Kleinknecht, Section of salary statistics, NBS Ala Negruța, Division of Social and Living Standards Statistics</p>									
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	<ul style="list-style-type: none"> <li>– Financial tools of regional policies</li> <li>– National statistical system of Romania</li> <li>– NSS partners: users of official statistical data and data suppliers</li> <li>– Statistical information – tool for understanding and quantifying the impact of public decisions at territorial level</li> <li>– Development of regional databases, development of applications, use of databases</li> </ul>	<p><i>have 2 experts from the NISR in the training, this thing was not possible</i></p>					
	<p>Results of experts' assistance – statisticians from NISR and NBS ate the following:</p> <ul style="list-style-type: none"> <li>✓ The knowledge transferred to the specialists from the MRDC and RDA by the Romanian experts and the NBS statisticians regarding the international standards in official statistics, functioning of a national statistical system, production and dissemination of regional statistics, especially in the demographic and social area, in Moldova and in Romania (by BNS and NISR), relations between data users and producers, etc</li> </ul>		<p>2400,16 USD (training costs, contract Odiseu)</p> <p><i>Mission 13 NISR- 2370,3 USD (travel Neagu, Ilescu)</i></p>	<p>Executed on time</p>			
	<p>• (RDA.2) Training no. 2 on territorial statistics, 5-6 December 2013, Vadul-lui-Voda</p> <p>Alongside 5 experts-statisticians from NBS, Mrs Săndica Neagu and Mr Ilie Dumitrescu, advisors of the NISR Chairman, were delegated to provide consultancy and to participate as trainers within the training no. 2 for RDA and MRDC personnel.</p> <p>The training was attended by: representatives of the MRDC of RM (deputy minister, head of the General Regional Development Division, head of the Division of Regional Cooperation and Policy, head and specialists of the Regional Statistics Section), representatives of the Regional Development Agencies; representative of the Romanian Embassy in Moldova, (in total 26 participants including trainers, 1 representative of GIY, 15 women and 11 men).</p> <p>The training participants were familiarised and trained about the following:</p> <table border="1" data-bbox="613 850 1800 1433"> <thead> <tr> <th data-bbox="613 850 1346 890"><i>Tackled topics</i></th> <th data-bbox="1346 850 1800 890"><i>Trainers</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="613 890 1346 1193"> <p>Components of the training presented by NBS:</p> <ul style="list-style-type: none"> <li>– Industry and energy statistics</li> <li>– Investments and constructions statistics</li> <li>– Transport and road infrastructure statistics</li> <li>– Tourism statistics</li> <li>– Entrepreneurship statistics</li> <li>– Production waste statistics</li> <li>– Solid domestic waste statistics</li> <li>– Statistics of water and sewerage supply systems operation</li> </ul> </td> <td data-bbox="1346 890 1800 1193"> <p>Experts from NBS:</p> <p>Svetlana Bulgac, Div. of industry, energy and constructions statistics</p> <p>Mariana Eni, Div. of market service stat.</p> <p>Zinaida Cibotărică, Div. of infrastructure statistics</p> <p>Elena Orlova, Div. of agriculture and environment statistics</p> <p>Liuba Stoianov, Div. living conditions stat.</p> </td> </tr> <tr> <td data-bbox="613 1193 1346 1433"> <p>Components of the training presented by NISR:</p> <ul style="list-style-type: none"> <li>– Use of administrative sources and registers</li> <li>– Basic elements of statistics theory in practical exercises</li> <li>– National and regional accounts of Romania</li> <li>– Organization and moderation of practical activities (group work, practical exercises for applying data, examples, advice, recommendations, conclusions)</li> </ul> </td> <td data-bbox="1346 1193 1800 1433"> <p>Experts from NISR</p> <p>Săndica Neagu and Ilie Dumitrescu, advisors of the NISR Chairman</p> </td> </tr> </tbody> </table>	<i>Tackled topics</i>			<i>Trainers</i>	<p>Components of the training presented by NBS:</p> <ul style="list-style-type: none"> <li>– Industry and energy statistics</li> <li>– Investments and constructions statistics</li> <li>– Transport and road infrastructure statistics</li> <li>– Tourism statistics</li> <li>– Entrepreneurship statistics</li> <li>– Production waste statistics</li> <li>– Solid domestic waste statistics</li> <li>– Statistics of water and sewerage supply systems operation</li> </ul>	<p>Experts from NBS:</p> <p>Svetlana Bulgac, Div. of industry, energy and constructions statistics</p> <p>Mariana Eni, Div. of market service stat.</p> <p>Zinaida Cibotărică, Div. of infrastructure statistics</p> <p>Elena Orlova, Div. of agriculture and environment statistics</p> <p>Liuba Stoianov, Div. living conditions stat.</p>
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	<p>training no. 2, as compared to the first training, included more practical activities, based concrete statistical data, by specific statistical areas. To meet these requests, the NISR needed to prepare the training (on December 3-4) in Chisinau, which included discussions with the peer-trainers from the NBS regarding the content of their presentations, agreeing on the necessary interventions from the NISR experts, identification of statistical information by areas (produced by NBS) which may serve as topics for practical exercises and development of the practical exercises.</p> <p>The results of the assistance provided by the experts-statisticians from NBS and NISR are:</p> <ul style="list-style-type: none"> <li>✓ Transfer of knowledge to the specialists from the MRDC and RDA from Romanian experts and NBS statisticians regarding the production and dissemination of regional statistics, especially from real areas,</li> <li>✓ Development of practical skills of relevant use of statistics in developing evidence-based policies and their evaluation and monitoring.</li> </ul> <p>The evaluation results for the second training include:</p> <ul style="list-style-type: none"> <li>✓ the participants have appreciated the <u>relevance of the topics tackled</u> during the mission regarding the presented statistical areas, especially of the undertaken practical activities;</li> <li>✓ confirmation of the <u>need to continue the trainings</u> for RDA/MRDC, high interest for practical activities (exercises, group activities, etc.)</li> <li>✓ <u>training topics</u> for future mentioned by the representatives of the RDA and MRDC are: <ul style="list-style-type: none"> <li>– statistics in social area (health, education, social assistance)</li> <li>– reading/interpreting/analysing statistical data to describe the social-economic profile, social-economic processes at the level of the region to which the RDA contributes/participates</li> <li>– practice and experience of collaboration between the Ministry of Regional Development, Local Public Administration, RDA from Romania and NISR;</li> <li>– the most relevant/recommended modalities for graphic presentation of data by RDA/MRDC</li> <li>– what should alert us in the figures whenever planning for future.</li> </ul> </li> </ul>											
September 2013	<p>Mission (no.14) on NISR evaluation of the current progress in implementing the regional statistics activities, Sandica Neagu, 2-4 September 2013</p> <p>Besides the moderation of certain sessions in training no. 1 for RDA on September 5-6, Mrs Neagu from NISR also had the task to assess the current progress on implementation of the regional statistics component of the UN Joint Project. This part of the mission included:</p>	<table border="1" data-bbox="616 1082 1803 1481"> <thead> <tr> <th data-bbox="616 1082 1420 1114"><i>Tackled topics</i></th> <th data-bbox="1420 1082 1803 1114"><i>Persons involved</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="616 1114 1420 1331">           1. Discussions with the NBS personnel about the current progress in the implementation of the <i>Roadmap activities</i>, obtained results versus expected ones, actions still to be performed, planning of future actions to obtain the expected results, implementation difficulties, needs         </td> <td data-bbox="1420 1114 1803 1331">           Specialists from branch divisions/sections responsible for the <i>Roadmap activities</i> </td> </tr> <tr> <td data-bbox="616 1331 1420 1481">           2. Evaluation of the registered progress in the activities implemented by NBS meant to improve the availability of regional statistical data (<i>component I of the General Action Plan</i>)         </td> <td data-bbox="1420 1331 1803 1481">           O.Oboroc, Deputy Minister of RDC, V.Eftodienco, Head of regional statistics section         </td> </tr> <tr> <td data-bbox="616 1481 1420 1528">           3. Discussing the component regarding the harmonisation with the EU Regulation on NUTS: planned and fulfilled actions, planning of further-on steps and expected results, necessary involvement of the MRDC (<i>component II of the General Action Plan</i>)         </td> <td data-bbox="1420 1481 1803 1528"></td> </tr> </tbody> </table>	<i>Tackled topics</i>	<i>Persons involved</i>	1. Discussions with the NBS personnel about the current progress in the implementation of the <i>Roadmap activities</i> , obtained results versus expected ones, actions still to be performed, planning of future actions to obtain the expected results, implementation difficulties, needs	Specialists from branch divisions/sections responsible for the <i>Roadmap activities</i>	2. Evaluation of the registered progress in the activities implemented by NBS meant to improve the availability of regional statistical data ( <i>component I of the General Action Plan</i> )	O.Oboroc, Deputy Minister of RDC, V.Eftodienco, Head of regional statistics section	3. Discussing the component regarding the harmonisation with the EU Regulation on NUTS: planned and fulfilled actions, planning of further-on steps and expected results, necessary involvement of the MRDC ( <i>component II of the General Action Plan</i> )		<p><i>Costs reported above on training RDA no. 1</i></p>	
<i>Tackled topics</i>	<i>Persons involved</i>											
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		<p>4. Counselling regarding the activity of methodological revision of the SADI: stages, progress, validation of questionnaires used to consult the opinion of the CPA and LPA (<i>component III of the General Action Plan</i>)</p> <p>5. Results of the analysis of the information collected from p.1-3 were communicated to the representative of the Romanian Embassy</p>	<p>Rodica Nicoara, Ministry of Economy Ala Negruta, NBS National consultants: Maria Vremiş, Oxana Livîţchi, Dorina Harabajiu</p> <p>Artur Răducanu, II Secretary, Policy Section, Embassy of Romania in the RM</p>		
		<p>As a result of the mission, the <i>Calendar-Plan for implementation of activities to improve the availability and reliability of regional statistics by NBS</i> (Roadmap) was updated with information about the current progress, actions to be undertaken in 2013 and 2014, expected final results. This will be used to set the Action Plan for the I semester of 2014.</p>			
		<p>Other expenditures:</p> <ul style="list-style-type: none"> <li>- services for translation of mission reports, ro-eng (IC Loznean, Coman)</li> <li>- operational costs, bank costs related to individual contracts</li> </ul>		<p>880 USD 271,75 USD</p>	
<p><b>Component II. FACILITATE CONSULTATION BETWEEN NBS AND EUROSTAT AND RECOMMEND TO THE GOVERNMENT THE SUBDIVISION OF THE COUNTRY COMPLIANT WITH THE NUTS REGULATION</b></p>					
<p>Gov. specialists familiarised with EUROSTAT vision and standards on regional subdivision of a country</p>	<p>2013-2014</p>	<p><b>Learn from EUROSTAT on appropriate regional statistical subdivision of the country compliant with NUTS Regulation</b></p> <p>To launch this activity, it was relied on the involvement of the EU Delegation in Moldova, to which the MRDC has sent in March a letter asking for support to identify the EU competent structures and/or a relevant EU member state (as dimension, context, etc.), the successful experience of which would serve as an example for drafting a document to reason the needs and the set the conditions for carrying out the harmonisation process of the Republic of Moldova with the NUTS requirements, taking into account the national peculiarities. But no answer was obtained.</p> <p>Hence, the MRDC, all by itself has consulted the specialists from the counterpart Latvian ministry, as well as the EU structures specialised in regional development, who have informed about the availability of experts in the respective countries, who would be able to provide assistance to the RM in developing the scenarios of aligning RM to NUTS.</p> <p>The study visit to Eurostat envisaged in the Action Plan was not necessary, as the MRDC specialists have benefited previously from a similar visit within some other initiatives.</p> <p>The Terms of Reference were developed for a team of national and international consultants, who based on the analysis of the current situation, and guided by the respective EU standards, would develop a study to reason the need and feasibility of aligning the RM to the NUTS Regulation, and which would include suggestions and recommendations for possible options for the most appropriate country subdivision, taking into account the national context factors (political, social, economic, cultural, etc.). The necessary team of experts shall be identified based on these ToR.</p>	<p>N/r</p>	<p>Delay of 6 months</p>	

<b>Component III. UNDERTAKE QUALITATIVE AND METHODOLOGICAL REVIEW OF SMALL AREAS DEPRIVATION INDEX (SADI) AND EXPLORE OPTIONS FOR ITS INSTITUTIONALISATION</b>				
<p>Feasible scenarios regarding the further development/improvement of SADI or its replacement with other data source/s formulated and provided to decision makers</p>		<p><b>Methodological review of SADI through development of relevant quality assurance mechanisms (on data collection and production) and institutional framework</b></p> <p>In line with the Terms of Reference provisions, the assistance provided to the Ministry of Economy (the main implementing agency of this component) shall be focused on achieving three objectives, each of them representing the area of expertise for three national consultants, recruited on competition basis:</p> <ol style="list-style-type: none"> <li>1. Analysis of SADI applicability, evaluation of relevance with the current policy framework and the development context of the Republic of Moldova, as well as the analysis of the strengths and weaknesses in comparison with other monitoring and evaluation tools – <i>activity carried out by the policy expert, Dorina Garabajiu;</i></li> <li>2. Quality evaluation of the data sources used for calculating the SADI from the viewpoint of the data production process (methodologies and tools, data collection, processing, quality assurance, dissemination, institutional framework, etc. – <i>activity carried out by the statistics expert, Oxana Levițchi;</i></li> <li>3. Revision of the SADI content, methodology and toolkit by adjusting them to the current policy framework and optimisation/adjustment of data sources evaluated from quality perspective – <i>activity performed by the expert in statistics and econometrics methods, Maria Vremiș.</i></li> </ol> <p>Taking into account the complexity of the given activity, it was suggested for Maria Vremiș, out of the 3 national consultants, to cumulate the position of team leader, who would monitor and coordinate the activity of the experts, and would ensure the integral and homogeneous nature of the produced documents.</p> <p>The following was carried out within the listed components:</p> <p><b>Component 1</b> – SADI analysis versus current policy/strategic framework:</p> <ul style="list-style-type: none"> <li>• A consultative process was organised with the representatives of 9 ministries, Regional Development Agencies, State Chancellery (about 60 persons in total, 4 meetings)</li> <li>• A questionnaire was developed to assess: <ul style="list-style-type: none"> <li>- the degree of deprivation indices' use and the needs of users for improved deprivation indices;</li> <li>- the degree the SADI database is used and the needs of users for improved database;</li> </ul> </li> <li>• The questionnaire was consulted with the NISR (S.Neagu) and NBS (A.Negruță);</li> <li>• 90 questionnaires were sent to CPAs, 150 questionnaires – to LPAs, 80 questionnaires – to donors;</li> <li>• A number of 171 questionnaires were received back;</li> <li>• There was developed the draft of SADI analysis versus the current policy/strategic context and it was discussed with all the members of the consultants' team.</li> </ul> <p><b>Component 2</b> – quality evaluation of SADI data sources:</p>	<p>18,600 USD (total amount of the contracts for national consultants)</p> <p>Of which 10,800 USD paid in 2013, the remaining 7800 USD transferred for 2014</p> <p>278,49 USD costs for Xerox copies</p>	<p>Delay of 2 months due to the complex nature of the activity, multiple involved stakeholders, delayed answer from stakeholders to questionnaires</p>

	<ul style="list-style-type: none"> <li>• There was developed a questionnaire to assess the quality of the statistical indicators presented by local public authorities/mayoralities for the SADI database. The aim of the questionnaire was to identify measures to improve the database, set out of social-economic indicators at the locality level, which indicators are necessary and relevant for central, regional, and local public authorities in the process of reasoning the regional and national development decisions, strategies, and programs;</li> <li>• The questionnaire for the LPA was tested in Răzeni village, Ialoveni rayon. The national consultant was pleasantly surprised by the professional competence of the mayorality secretary and the record system of documents and information existing within the mayorality. The received feedback was used to adjust the questionnaires, which afterwards was disseminated (with accompanying letter from the Ministry of Economy) to the remaining 900 mayoralties (from rural localities/848 and urban localities/52) in the country.</li> <li>• The request sent by the Ministry of Economy was answered only by 483 rural mayoralties and 19 urban ones. Based on the questionnaires received from the mayoralties, general data were collected about the availability/collection of data, collection of data for SADI database by areas of SADI, access and importance of indicators from the SADI database.</li> <li>• In parallel with the rigorous examination of the data from the questionnaires, an analysis is carried out for the compliance of SADI indicators and their sources of origin from the perspective of the quality standards in official statistics, of institutional and methodological problems existing in data production by LPAs. Such an analysis will confirm or not the need to revise SADI methodology, the list of data sources for SADI indicators.</li> </ul> <p><b>Steps to be undertaken:</b></p> <p>The results of the quantitative studies (based on the described questionnaires) from components 1 and 2, which were processed and validated, will be completed with the results of the qualitative study (interviews, focus groups, round table, visits in the field) and expressed in two separate reports, which subsequently will be integrated in one report.</p> <p><i>Component 3</i> – revision of the SADI methodology and toolkit – will be implemented subsequently based on the results of components 1 and 2. This would include adjustments of the SADI methodology, adjustment of indicators, areas in line with the needs of the CPA, LPA, donors, CSO, as well as collection of additional data, performance of test calculations based on the adjusted methodology, statistical testing of data, etc.</p> <p><b>Expected results:</b></p> <p>The activity will end with a report on establishment of the database from different sources, quality of used data, methodology of SADI calculation, correlation of SADI indicators and areas with the current national policies. The report will include as well the toolkit for collecting data from different sources.</p> <p>The pre-final consolidated version of the report will be consulted with the NBS, Ministry of Economy, MRDC, other stakeholders. The results will be presented publically, the final report will be completed and adjusted to the received feedback.</p> <p>The consultancy activity will finish with the development of the final progress report, which will include the description of the</p>		
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		stages for carrying out the activities, including the expected and obtained results, problems, challenges and constraints, further-on necessary activities for ensuring sustainability, etc.		
		<b>Other expenditures:</b> Management costs Operational / GMS costs Commission fees Operational services - Internet, telephone, transport, consumables Services for NBS car repairing Translation services	15784,91 USD 6147,2 USD 4161,47 USD 1993,53 USD 2090,89 USD 1244 USD	

Summary 2013

Fund	Total budget	Spent in 2013	Balance for 2014	% harnessed from the total budget
00205 – Rom Gov	238.120,00	93.982,00	144.338,00	40%

Annex to the progress report:

**REPORT on the implementation of the Calendar-Plan of activities to improve the availability and reliability of regional statistics by NBS with the assistance of the National Institute of Statistics of Romania** (*Activity 1.1 and 1.2 from the general activity plan, initial implementation period April – December 2013*) **Reporting period: April – December 2013**