



**implemented activities**  
**Project on Geological Information in City Management to Prevent Environmental Risks (GeoInforM)**

| Action  | Activity/Deliverable description                        | Planned date  | Actual date   | Comment   |
|---|---|---------------|---------------|---|
| <b><i>Task 1. Project management and executive planning of activities</i></b> |   |               |               |   |
| <b>1.1 Launching project activities</b>                                       | Agreements between Beneficiary and each Partners signed | 05/05/2007    | 24/04/2007    |   |
|   | Project Implementation Unit                             | 26/01/2007    | 26/01/2007    |   |
|   | Steering Committee                                      | 22/01/2007    | 22/01/2007    |   |
|   | Project Workplan, detailed                              | 26/01/2007    | 26/01/2007    |   |
|   | Working Groups Workplans for each WG                    | 28/02/2007    | 31/01/2007    |   |
| <b>1.2 Reporting</b>  | 1st Progress Report                                     | 30/06/2007    | 30/06/2007    |   |
|   | 2nd Progress Report                                     | 30/11/2007    | 30/11/2007    |   |
|   | 3 <sup>rd</sup> Progress Report                         | 29/11/2008    | 13/06/2008    | Prepared instead of Mid-Term Report   |
|   | Mid-Term Report   | 30/06/2008    | 15/12/2008    | Submitted instead of 3 <sup>rd</sup> Progress Report, a delay was agreed upon by correspondence Delegation in |
| <b>1.3. Steering Committee Meetings</b>                                       | 1st SC Meeting  | 22-26/01/2007 | 22-26/01/2007 |   |
|   | 2nd SC Meeting  | 15-18/10/2007 | 15-18/10/2007 |   |
|   | 3rd SC Meeting  | 16-19/04/2008 | 15-19/04/2008 |   |
|   | 4th SC Meeting  | 06-09/04/2009 | 06-09/04/2009 |   |
|   | Final SC Meeting  |               | 25/11/2009    | Not planned   |



| <b><i>Task 2. Study of needs in geological information and relevant international experiences</i></b> |   |               |                              |                             |
|---|---|---------------|------------------------------|-----------------------------|
| <b>2.1 Study of international experiences in using geological information</b>                         | Study visit of Russian expert to Milan  | 21-27/05/2007 | 03-08/06/2007                | Combined with Tasks 4 and 5 |
|   | Reports on international experiences in using geological information (prepared by each EU Partner)  | 30/06/2007    | 30/06/2007                   |                             |
| <b>2.2 Geological control and licensing systems</b>   | Study visit of Russian expert to Milan  | 21-27/05/2007 | 03-08/06/2007                |                             |
|   | Reports of systems of geological control and licensing in Partner countries/cities  | 31/08/2007    | 31/08/2007                   |                             |
| <b>2.3. Needs of stakeholders in terms of geological information</b>                                  | Studying stakeholders' needs:<br>- Study, analysis and reviewing of economic sectors effecting the geological medium<br>- Interviewing stakeholders, analysis of findings | 27/10/2007    | 30/09/2007<br><br>20/12/2007 | Done in 2 phases            |
| <b>2.4 Preparation of the Regional Geological Information Database</b>                                | Description of the informational and technical structure of the Regional Geological Database (RGD)  | 30/11/2007    | 15/11/2007                   |                             |



| <b><i>Task 3. Establishing the Regional Geological Information Database (RGID)</i></b> |  |            |            |  |
|--|--|------------|------------|--|
| <b>3.1 Geological data inventory and gathering</b>                                     | Inventory of available geological data   | 30/04/2007 | 30/04/2007 |  |
| <b>3.2.</b><br>Digitizing of primary geological information                            | Geological information in digital format   | 31/07/2008 | 31/07/2008 |  |
| <b>3.3.</b><br>Verifying the existing maps according to new available data             | Verified geological and hydrogeological maps of St. Petersburg 1:25000-1:50000 scale | 30/09/2008 | 30/09/2008 |  |
| <b>3.4.</b><br>Development of metadata cards   | Metadata cards   | 31/10/2008 | 31/10/2008 |  |
| <b>3.5.</b><br>Establishing Geological and hydrogeological database                    | Regional Geological Database   | 29/11/2008 | 29/11/2008 |  |



| <b>Task 4. Ground Water Flow Model (GWFM)</b>   |  |             |               |   |
|---|--|-------------|---------------|---|
| <b>4.1 Study of Milan experiences in GWFM application for the management of urban areas</b> | Study visit of Russian expert to Milan                 | 12-16/03/07 | 03-08/06/2007 | Combined with Tasks 2 and 5   |
| <b>4.2 Identification of necessary input data for the model</b>                             | List of necessary input data for the model             | 01/06/2007  | 08/06/2007    | <b>16-17/04/08</b> Meetings of the GWFM Working Group in St/Petersburg  |
| <b>4.3. Preparation of the input data</b>   | Identification of necessary input data for the model   | 28/07/2008  | 31/05/2008    |   |
| <b>4.4. Adaptation and installation of the model</b>  | Preparation of the input data and model parameters     | 30/08/2008  | 30/08/2008    |   |
| <b>4.5. Testing and expertise of the GWFM</b>   | Report on the GWFM testing for St. Petersburg scenario | 29/11/2008  | 16/02/2009    | Shuvalovo provided in due time<br>Polustrovo: preliminary report provided in June 2009, PR4, the final version (ready in September 2009) will be provided with the Final Report |



| <b>Task 5. Development of assessment and reporting instruments for decision-making</b> |  |               |               |  |
|--|--|---------------|---------------|--|
| <b>5.1 Study of European experience in decision-support systems</b>                    | Study visit of Russian expert to Hamburg                             | 10-14/09/2007 | 01-05/07/2007 |  |
| <b>5.2. Development of the maps of potential geological risks</b>                      | Completion of a Map of potential geological risks for St. Petersburg | 29/11/2008    | 29/11/2008    | - <b>15-16/04/08, 10-12/11/08</b><br>Meetings of the Risk Management Working Group<br>- Consultations with Partner 2 continued to the end of the project, maps upgraded<br>- Meeting with partners 1 and 2, June 8-9, 2009 |
| <b>5.3. Development of relational databases</b>  | Relational databases put into operation                              | 30/05/2009    | 30/05/2009    | Reported in PR4  |
| <b>5.4. Development of the multi-user application for GWFM</b>                         | Provide multi-user access to the GWFM (Internet application)         | 30/06/2009    | 30/06/2009    |  |
| <b>5.5. Development of the decision-making tools for geological data</b>               | Development of instruments to get access to geological database      | 30/06/2009    | 30/09/2009    | - Delay agreed upon in PR 4<br>- Discussion at the meeting with partners 1 and 2, June 8-9, 2009   |



|   |   |            |            |   |
|---|---|------------|------------|---|
| <b>5.6. Development of the Regulation on the use of the Regional Information Database in St. Petersburg</b> | Regulation concerning the use and maintenance of the Regional Geological Database of St. Petersburg | 30/11/2009 | 30/12/2009 | <b>Decree of the Committee dated 30.12.2009 Nr. 125-p, which adopts the Status on the Regional Geological Database of St. Petersburg (drafted in the beginning of 2009, discussed, amended)</b> |
|---|---|------------|------------|---|

| <b><i>Task 6. Training</i></b>   |   |               |  |  |
|--|---|---------------|--|--|
| <b>6.1. Training of trainers in ground water flow modelling</b>                              | Visit to Milan and training of 5 Russian experts in GWFM  | 15-19/09/2008 | 19-23/10/2008                            | Postponing of the visit agreed upon in PR3   |
| <b>6.2. End-users' training in integration of geological data in decision-making process</b> | Training targeted at CEP staff and 3 <sup>rd</sup> parties.<br>The training programme to include basic geological knowledge, skills in using tools developed in the framework of the Project, practical exercises<br>15 users to be trained | 23/07/2009    | 23/10/2009,<br>26/10/2009,<br>02/11/2009 | Postponing agreed upon in PR 4<br>34 trainees<br>Trainers from the Province of Milan (Partner 3) and GTK (Partner 2) |
| <b>6.3. End-user manual</b>  | Following the training session topics. Introduction of the tools developed during the Project   | 31/07/2009    | 20/11/2009                               | - Postponing agreed upon<br>- 500 CD versions instead of 500 hard-copies (agreed upon in Mid-Term Report)            |



***Task 7. Communication and dissemination of Project results***

|                                     |   |  |            |  |
|-------------------------------------|---|--|------------|--|
| <b>7.1 Information of the media</b> | “Information Bulletin of the City of St. Petersburg”  |  | 25/09/2006 |  |
|                                     | “Information Bulletin of the City of St. Petersburg” N.26   |  | 02/07/2007 |  |
|                                     | “Information Bulletin of the City of St. Petersburg” N.42   |  | 22/10/2007 |  |
|                                     | “Information Bulletin of the City of St. Petersburg” N.16   |  | 28/04/2008 |  |
|                                     | Press release for local mass media about the visit of Russian experts to Milan in the framework of GeoInforM Project issued by the Province of Milan  |  | 05/06/2007 |  |
|                                     | The article in the special issue of “Arcreview” magazine, dedicated to GIS in North-Western region of Russia.   |  | 27/11/2007 |  |
|                                     | TV programme about the geological medium of St. Petersburg, and activities of the City in the field of mineral resources management, using geological information. Information about GeoInforM project as part of the City’s activities |  | 02/06/2008 |  |
|                                     | “Information Bulletin of the City of St. Petersburg”  |  | 24/11/2008 |  |



|   |  |                                |   |   |
|---|--|--------------------------------|---|---|
|   | “Information Bulletin of the City of St. Petersburg”                                     |                                | 26/11/2009  | Presentation of the Final Conference and the results of the Project   |
| <b>7.2<br/>Internet site</b>  | Project Internet site  | 31/05/2007<br>Project duration | 31/05/2007<br>Project duration                      | User-tools installed  |
| <b>7.3.<br/>Information of<br/>local/ regional<br/>stakeholders</b>       | Stakeholders seminar proceedings   | 17/09/2007                     | 30/11/2007  | A big conference presenting information on InfoCoSM, GeoInforM and local projects dedicated to environmental information management |
|   | Stakeholders seminar proceedings   | 17/03/2008                     | 25/11/2008<br>(postponing<br>agreed upon in<br>PR3) | About 40 representatives of organizations acting in different sectors   |
| <b>7.4. Elaboration of<br/>a demonstration<br/>CD</b>                     | Demonstration version of all major solutions developed in the framework of the Project   | 30/10/2009                     | 15/11/2009  | 500 copies  |
| <b>7.5. Publication of<br/>the Project booklet</b>                        | Summary of the Project approaches and results  | 30/10/2009                     | 15/11/2009  | 500 copies<br>- serves as a Layman’s report   |
| <b>7.6. Publication of<br/>the Geological Atlas<br/>of St. Petersburg</b> | Describes the major geological features of the area of St. Petersburg. First publication | 25/11/2009                     | 10/11/2009  | 400 copies published<br>English version produced on DVD   |



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|--|---|----------------------|----------------------|--|
| <b>7.7. Information of international professionals and decision-makers</b>                         | International conference “CONSOIL”, Milan. Poster presentation on GIS software for modelling of flux and pollutants’ transport in aquifers. Information about the cooperation under GeoInforM project | -                    | 03-09/06/2008        | The presentation by Partner 3 contains information about the cooperation under GeoInforM   |
|  | 33 <sup>rd</sup> International Geological Congress, Oslo, Norway, Presentation “Sustainable City management – example from geological peculiarities of St. Petersburg “                               | -                    | 10-14/08/2008        | The presentation by the Beneficiary integrated the experiences of GeoInforM.   |
| <b>International Conference on Urban Geology, dedicated to the completion of GeoInform Project</b> |   | <b>27-28/11/2009</b> | <b>24-26/11/2009</b> | <b>135 registered participants</b><br><b>45 geological organizations</b><br><b>4 European countries</b><br><b>5 regions of Russia</b><br><b>28 presentations</b><br><b>10 poster presentations</b> |
| Results of evaluation of the dissemination activities  |   | 16/06/2008           | 13/06/2008           | Chapter “Evaluation of the dissemination activities” was included in Progress Report 3   |