

OFFICIAL
DOCUMENTS

LN 8529-BY

Supplemental Letter No. 2

REPUBLIC OF BELARUS

September 23, 2015

International Bank for
Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

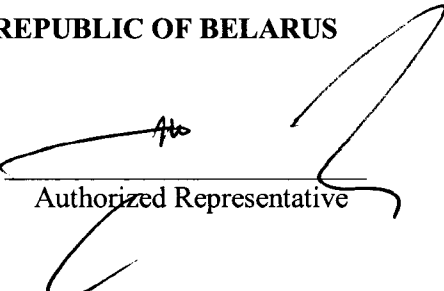
Re: Loan No. 8529-BY
(Belarus Education Modernization Project)
Performance Monitoring Indicators

Dear Sirs and Mesdames:

This refers to paragraph A of Section II of Schedule 2 to the Loan Agreement of even date herewith between the Republic of Belarus (the Borrower) and the International Bank for Reconstruction and Development (the Bank). The Borrower hereby confirms to the Bank that the indicators set out in the attachment to this letter shall serve as a basis for the Borrower to monitor and evaluate the progress of the Project and the achievement of the objectives.

Very truly yours,

REPUBLIC OF BELARUS

By  _____
Authorized Representative

Attachment to the Supplemental Letter No. 2

**Loan No. 8529-BY
Belarus Education Modernization Project
Results Framework and Monitoring**

| Project Development Objectives | | | | | | |
|--|----------|--------------------------|---------|----------|----------|------------|
| PDO Statement | | | | | | |
| The objectives of the proposed Project are to: (i) improve access to quality learning environment in selected general secondary schools; and (ii) strengthen student assessment and education management information systems of the Republic of Belarus. | | | | | | |
| These results are at | | | | | | |
| Project Level | | | | | | |
| Project Development Objective Indicators | | | | | | |
| Indicator Name | Baseline | Cumulative Target Values | | | | |
| | | YR1 | YR2 | YR3 | YR4 | End Target |
| Students benefiting from improved learning environment in general secondary schools targeted by the project. (Number) | 0.00 | 4500.00 | 9500.00 | 14500.00 | 19500.00 | 25000.00 |
| Female students benefiting from improved learning environment. (Number - Sub-Type: Breakdown) | 0.00 | 2250.00 | 4750.00 | 7250.00 | 9750.00 | 12500.00 |
| Students from closed/reorganized schools benefiting from improved learning environment in general secondary schools targeted by the project. (Number - Sub-Type: Breakdown) | 0.00 | 900.00 | 1900.00 | 2900.00 | 3900.00 | 5000.00 |
| Female students from closed/reorganized schools benefiting from improved learning environment. (Number - Sub-Type: Breakdown) | 0.00 | 450.00 | 950.00 | 1450.00 | 1950.00 | 2500.00 |

| | | | | | | |
|--|---|--|--|--|--|--|
| Number of schools rehabilitated under the project to meet minimum conditions for a quality learning environment. (Number) | 0.00 | 22.00 | 46.00 | 70.00 | 94.00 | 120.00 |
| Beneficiaries reporting improved satisfaction with quality of learning environment, relative to appropriate control group. (Text) | 0 | Satisfaction is statistically higher in the treatment schools than in control schools. | Satisfaction is statistically higher in the treatment schools than in control schools. | Satisfaction is statistically higher in the treatment schools than in control schools. | Satisfaction is statistically higher in the treatment schools than in control schools. | Satisfaction is statistically higher in the treatment schools than in control schools. |
| Belarus' participation in PISA 2018 completed. (Text) | No participation in international assessments | Belarus enrolled in PISA 2018 | Belarus enrolled in PISA 2018 | PISA 2018 assessments are implemented in Belarus | PISA 2018 data is prepared for submission to the OECD. | PISA 2018 data is submitted to and accepted by the OECD |
| Annual education statistics reports produced using data generated by the integrated EMIS. (Text) | No integrated EMIS in place | Assessment of the existing information systems completed | Integrated EMIS is under development | Integrated EMIS is operational | Annual report produced using 60% of data generated by integrated EMIS | Second annual report produced using 80% of data generated by the integrated EMIS |

Intermediate Results Indicators

| Indicator Name | Cumulative Target Values | | | | | |
|--|--------------------------|-------|-------|-------|-------|------------|
| | Baseline | YR1 | YR2 | YR3 | YR4 | End Target |
| Number of schools supplied with laboratory equipment under the project. (Number) | 0.00 | 22.00 | 46.00 | 70.00 | 94.00 | 120.00 |
| Number of physics laboratories equipped under the project. (Number - Sub-Type: Breakdown) | 0.00 | 13.00 | 27.00 | 41.00 | 55.00 | 70.00 |

| | | | | | | |
|--|---|---|--|---------------------------------------|--|---|
| Number of IT laboratories equipped under the project. (Number - Sub-Type: Breakdown) | 0.00 | 12.00 | 25.00 | 38.00 | 51.00 | 65.00 |
| Number of chemistry laboratories equipped under the project. (Number - Sub-Type: Breakdown) | 0.00 | 17.00 | 36.00 | 55.00 | 74.00 | 93.00 |
| Number of biology laboratories equipped under the project. (Number - Sub-Type: Breakdown) | 0.00 | 15.00 | 31.00 | 47.00 | 63.00 | 82.00 |
| Ratio of computers per 100 students in project beneficiary schools. (Number) | 3.78 | 3.78 | 3.92 | 4.06 | 4.20 | 4.32 |
| Percent of subject teachers in targeted schools successfully completing the IT training program. (Percentage) | 0.00 | 18.00 | 38.00 | 58.00 | 78.00 | 100.00 |
| Improved sample-based national assessment (Republican monitoring) is carried out. (Text) | Existing sample-based national assessment system in place | Analysis of the current national assessment system is completed | Plan for revision of the national assessment system is developed | National assessment system is revised | Revised national assessments are carried out | Revised national assessments are carried out |
| PISA 2018 national report is prepared. (Text) | No national report | Belarus enrolled in PISA 2018 | Belarus enrolled in PISA 2018 | PISA 2018 assessments implemented | PISA 2018 data analyzed | PISA 2018 national report prepared and disseminated |
| Percent of schools connected to the integrated EMIS. (Percentage) | 0.00 | 0.00 | 0.00 | 25.00 | 50.00 | 100.00 |
| Number of administrative staff trained in the use of the integrated EMIS. (Number) | 0.00 | 0.00 | 0.00 | 100.00 | 800.00 | 1500.00 |
| Number of female administrative staff trained in the use of the integrated EMIS. | 0.00 | 0.00 | 0.00 | 50.00 | 400.00 | 750.00 |

| | | | | | | | | | |
|--|--|------|--------|--------|--------|--------|--------|--------|--------|
| Number - Sub-Type: Breakdown) | | | | | | | | | |
| Grievances registered related to delivery of project benefits addressed (%) | | 0.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Percentage) - (Core) | | | | | | | | | |
| Grievances related to delivery of project benefits that are addressed-(number) | | 0.00 | 0.00 | 3.00 | 4.00 | 5.00 | 9.00 | | |
| Number - Sub-Type: Supplemental) - (Core) | | | | | | | | | |

Indicator Description

Project Development Objective Indicators

| Indicator Name | Description (indicator definition etc.) | Frequency | Data Source / Methodology | Responsibility for Data Collection |
|--|--|-----------|---|------------------------------------|
| Students benefiting from improved learning environment in general secondary schools targeted by the project. | Total number of students enrolled in project schools which meet the minimum conditions of a quality learning environment per the quality learning environment checklist. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Students from closed/reorganized schools benefiting from improved learning environment in general secondary schools targeted by the project. | Total number of students who have transferred from closed/reorganized schools to the project schools which meet the minimum conditions of a quality learning environment per the quality learning environment checklist. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |

| | | | | |
|--|---|--------|--|-----|
| Female students from closed/reorganized schools benefiting from improved learning environment. | The number of female students who have transferred from closed/reorganized schools to the project schools which meet the minimum conditions of a quality learning environment per the quality learning environment checklist. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Female students benefiting from improved learning environment. | The number of female students enrolled in project schools which meet the minimum conditions of a quality learning environment per the quality learning environment checklist. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Number of schools rehabilitated under the project to meet minimum conditions for a quality learning environment. | The number of project schools which are reconstructed and/or which have received capital repairs under the project. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Beneficiaries reporting improved satisfaction with quality of learning environment, relative to appropriate control group. | Annual satisfaction surveys are used to assess the impact of project interventions on the beneficiaries' satisfaction with their respective schools' learning environment. Satisfaction is determined by comparing satisfaction | Annual | Annual Republican monitoring reports prepared by NIE at the request of the MoE | NIE |

| | | | | | |
|---|---|--------|---|------|--|
| | levels with the quality of learning environment in treatment schools with control schools. | | | | |
| Belarus' participation in PISA 2018 completed. | All of the necessary PISA 2018 data is submitted to and accepted by the OECD. | Annual | PISA Governing Board's approval of Belarus participation | RIKC | |
| Annual education statistics reports produced using data generated by the integrated EMIS. | Reports providing education statistics are produced on an annual basis using the integrated EMIS that is developed under the project. | Annual | (i) integrated EMIS database; (ii) annual report produced using the integrated EMIS. | GIAC | |

Intermediate Results Indicators

| Indicator Name | Description (indicator definition etc.) | Frequency | Data Source / Methodology | Responsibility for Data Collection |
|---|---|-----------|---|------------------------------------|
| Number of schools supplied with laboratory equipment under the project. | The number of project schools that have received project-financed laboratory equipment to be used in physics, chemistry, biology, or IT laboratories. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Number of physics laboratories equipped under the project. | The number of laboratories in project schools that have received project-financed physics laboratory equipment. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |
| Number of IT laboratories equipped under the project. | The number of laboratories in project schools that have | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE |

| | | | | | |
|--|---|--------|--|-----|--|
| | received project-financed IT laboratory equipment. | | | | |
| Number of chemistry laboratories equipped under the project. | The number of laboratories in project schools that have received project-financed chemistry laboratory equipment. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE | |
| Number of biology laboratories equipped under the project. | The number of laboratories in project schools that have received project-financed biology laboratory equipment. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE | |
| Ratio of computers per 100 students in project beneficiary schools. | The number of computers for student use in project schools per 100 students enrolled in project schools. | Annual | (i) integrated EMIS database; (ii) MoE and NIE documents | NIE | |
| Percent of subject teachers in targeted schools successfully completing the IT training program. | The number of teachers who completed the IT training program (as confirmed by the body certifying completion of such program) expressed as a percentage of the number of teachers who were qualified to participate in the IT training program. | Annual | MoE lists of school teachers who attended training activities | MoE | |
| Improved sample-based national assessment (Republican monitoring) is carried out. | The national sample-based assessment (Republican monitoring) is improved through the capacity building of the | Annual | (i) MoE and NIE documents; (ii) report on the results of the revised Republican monitoring exercise | NIE | |

| | | | | | | |
|--|--|--------|--|--|--------------|--|
| | National Institute of Education and is implemented on a nationally representative sample of students. The assessment results are submitted to and accepted by the Ministry of Education. | Annual | | (i) MoE and RIKC documents governing the administration of PISA 2018 assessments in Belarus; (ii) National report analyzing Belarus' s PISA 2018 results | RIKC | |
| PISA 2018 national report is prepared. | National report with PISA 2018 is prepared and disseminated | Annual | | (i) integrated EMIS database; (ii) MoE and GIAC documents | GIAC | |
| Percent of schools connected to the integrated EMIS. | The number of project schools connected to the project-supported integrated EMIS expressed as a percentage of all general secondary education institutions in Belarus. | Annual | | | | |
| Number of administrative staff trained in the use of the integrated EMIS. | Total number of administrative staff who have completed training on the use of the integrated EMIS. | Annual | | MoE and GIAC lists of administrative staff who attended training activities | MoE and GIAC | |
| Number of female administrative staff trained in the use of the integrated EMIS. | The number of female administrative staff who have completed training on the use of the integrated EMIS. | Annual | | MoE and GIAC lists of administrative staff who attended training activities | MoE and GIAC | |
| Grievances registered related to delivery of project benefits addressed (%) | This indicator measures the transparency and | Annual | | MoE documents | MoE | |

| | | | | |
|---|---|---------------|----------------------|------------|
| <p>Grievances related to delivery of project benefits that are addressed-(number)</p> | <p>accountability mechanisms established by the project so the target beneficiaries have trust in the process and are willing to participate, and feel that their grievances are attended to promptly. It is understood that local sensitivities and tensions will not allow grievance or redress mechanisms to be established in all projects.</p> | <p>Annual</p> | <p>MoE documents</p> | <p>MoE</p> |
|---|---|---------------|----------------------|------------|