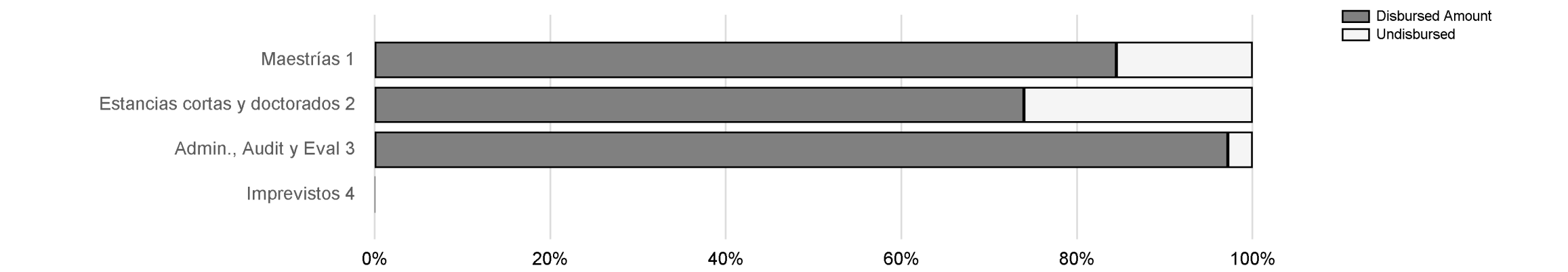


# PMR Public Report

|  |  |   |   |
|--|--|---|---|
| Operation Number                         | AR-L1156   | Chief of Operations Validation Date                       | 05/06/22  |
| Year- PMR Cycle                          | Second period Jan-Dec 2021                           | Division Chief Validation Date                            | 05/06/22  |
| Last Update                              | 05/06/22   | Country Representative Validation Date                    | 05/06/22  |
| PMR Validation Stage                     | Validated by Representative                          |   |   |
| Basic Data                               |  |   |   |
| Operation Profile                        |  |   |   |
| Operation Name                           | Science and Technology Scholarships - Program BEC.AR | Loan Number   | 3066/OC-AR  |
| Executing Agency                         | MINISTERIO DE EDUCACION                              | Sector/Subsector  | SCIENCE AND TECHNOLOGY-ADVANCED HUMAN CAPITAL                     |
| Team Leader                              | CASABURI, GABRIEL                                    | Overall Stage   | Disbursing (From eligibility until all the Operations are closed) |
| Operation Type                           | Loan Operation                                       | Country   | Argentina   |
| Lending Instrument                       | Investment Loan                                      | Convergence related Operation(s)                          |   |
| Borrower                                 | NACION ARGENTINA                                     |   |   |
| Environmental and Social Safeguards      |  |   |   |
| Impacts Category                         | C  | Was/Were the objective(s) of this operation reformulated? | YES   |
| Safeguard Performance Rating             |  | Date of approval  | 08/05/20  |
| Safeguard Performance Rating - Rationale |  |   |   |

|   |                       |             |                   |                        |                     |                        |                      |             |                    |
|---|-----------------------|-------------|-------------------|------------------------|---------------------|------------------------|----------------------|-------------|--------------------|
| Financial Data  |                       |             |                   |                        |                     |                        |                      |             |                    |
|   | Total Cost and Source |             |                   |                        |                     | Available Funds (US\$) |                      |             |                    |
| Operations  | Original IDB          | Current IDB | Local Counterpart | Co-Financing / Country | Total Original Cost | Current IDB            | Disb. Amount to Date | % Disbursed | Undisbursed Amount |
| AR-L1156  | 24,000,000            | 20,000,000  |                   | 0                      | 24,000,000          | 20,000,000             | 16,822,157.12        | 84.11%      | 3,177,842.88       |
| Aggregated  | 24,000,000            | 20,000,000  |                   | 0                      | 24,000,000          | 20,000,000             | 16,822,157.12        | 84.11%      | 3,177,842.88       |
| Expense Categories by Loan Contract (cumulative values) |                       |             |                   |                        |                     |                        |                      |             |                    |



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

| RESULTS MATRIX   |   |                 |          |               |                              |          |      |
|--|---|-----------------|----------|---------------|------------------------------|----------|------|
| General Development Objectives   |   |                 |          |               |                              |          |      |
| General Development Objectives Nbr. 0: Crecimiento de la productividad total de los factores |   |                 |          |               |                              |          |      |
| Observation:   |   |                 |          |               |                              |          |      |
| Indicator  |   | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2023 |      |
| 0.0  | Diferencia en el cambio porcentual en la productividad total de los factores entre las empresas beneficiarias y el grupo de control | índice          | 1        | 2012          | 2022                         | P        | 1.15 |
|  |   |                 |          |               |                              | A        | -    |
| Details  |   |                 |          |               |                              |          |      |
| Means of Verification: Informe final   |   |                 |          |               |                              |          |      |

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

|            |    |               |    |               |  |  |  |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |  |  |
|            |    |               |    |               |  |  |  |

General Development Objectives Nbr. 1: Aumento de la cantidad de investigadores en el sector privado

| Observation:                         |   |                 |          |               |                              |          |    |
|--------------------------------------|---|-----------------|----------|---------------|------------------------------|----------|----|
| Indicator                            |   | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2023 |    |
| 1.0                                  | Porcentaje de investigadores en el sector privado | %               | 9.6      | 2012          | 2022                         | P        | 17 |
|                                      |   |                 |          |               |                              | A        | -  |
| Details                              |   |                 |          |               |                              |          |    |
| Means of Verification: Informe final |   |                 |          |               |                              |          |    |

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

|            |    |               |    |               |  |  |  |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |  |  |
|            |    |               |    |               |  |  |  |

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Aumento del nivel de ingreso de los beneficiarios

Observation: Fuente: Informe final Dario Milesi - Evaluación de impacto de becas para maestría (Dic. 2018)

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 0.0       | Diferencia en el cambio porcentual del nivel de ingresos entre becados de maestrías en CyT beneficiarios del Programa y el grupo de control | %               | 0        | 2012          | P | -    | 70       |
|           |   |                 |          |               | A | 30   | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |  |  |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |  |  |
|            |    |               |    |               |  |  |  |

Specific Development Objectives Nbr. 1: Aumento de la productividad de las empresas beneficiarias

Observation:

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 1.0       | Diferencia en el cambio porcentual de la productividad del trabajo entre las empresas beneficiarias y el grupo de control | %               | 0        | 2012          | P | -    | 10       |
|           |   |                 |          |               | A | -    | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |  |  |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |  |  |
|            |    |               |    |               |  |  |  |

Specific Development Objectives Nbr. 2: Aumento de la inversión en actividades de innovación de las empresas beneficiarias

Observation: Actividades de innovación son todas aquellas prácticas o acciones desarrolladas por las empresas en pos de la transformación de una idea en un producto nuevo o mejorado introducido en el mercado, un proceso productivo nuevo o mejorado, o bien en la introducción de cambios en la forma de organización y gestión de la firma, la introducción de métodos de venta o distribución nuevos o mejorados de forma significativa.

| Indicator |  | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|--|-----------------|----------|---------------|---|------|----------|
| 2.0       | Diferencia en el cambio porcentual en la inversión en actividades de innovación entre las empresas beneficiarias y el grupo de control | %               | 0        | 2012          | P | -    | 15       |
|           |  |                 |          |               | A | -    | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |  |  |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |  |  |
|            |    |               |    |               |  |  |  |

Specific Development Objectives Nbr. 3: Aumento de la producción científica por parte de los beneficiarios

Observation:

| Indicator |  | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|--|-----------------|----------|---------------|---|------|----------|
| 3.0       | Diferencia en la cantidad de publicaciones entre los beneficiarios de las becas para doctorados y personal de instituciones de CTI y el grupo control. | %               | 0        | 2012          | P | -    | 40       |
|           |  |                 |          |               | A | -    | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |
|            |    |               |    |               |  |

Specific Development Objectives Nbr. 4: Participación de mujeres

Observation: Fuente: Informe semestral del Programa 2019-I

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 4.0       | Participación de mujeres en total de beneficiarios a través del programa de maestrías en CyT en el exterior | %               | 32.03    | 2012          | P | -    | 35       |
|           |   |                 |          |               | A | 42.9 | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |
|            |    |               |    |               |  |

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 4.1       | Personas capacitadas a través de estancias cortas que son mujeres | Número          | 0        | 2012          | P | -    | 40       |
|           |   |                 |          |               | A | 107  | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |
|            |    |               |    |               |  |

Specific Development Objectives Nbr. 5: Distribución regional de los beneficios

Observation: Fuente: Informe semestral del Programa 2019-I

| Indicator |  | Unit of Measure | Baseline | Baseline Year |   | 2019 | EOP 2023 |
|-----------|--|-----------------|----------|---------------|---|------|----------|
| 5.0       | Participación de personas de las zonas de Patagonia, Cuyo, NEA y NOA en el total de beneficiarios de maestrías en CyT del programa en el exterior. | %               | 25.49    | 2012          | P | -    | 30       |
|           |  |                 |          |               | A | 40.9 | -        |

Details

Means of Verification: Informes de Progreso

Observations:

Evaluation Methodology: -

|            |    |               |    |               |  |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator |  |
|            |    |               |    |               |  |

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Mejoramiento del capital humano avanzado a través del otorgamiento de becas de maestrías en áreas prioritarias de ciencia y tecnología

|      |                 |                 |       | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |               |
|------|-----------------|-----------------|-------|-------------------|----------|--------------------|---------------|
|      | Output          | Unit of Measure |       | 2021              | EOP 2023 | 2021               | EOP 2023      |
| 1.01 | Becas otorgadas | Becas           | P     | -                 | 450      | -                  | 17,415,000    |
|      |                 |                 | P (a) | 60                | 416      | 2,100,000          | 22,959,111.72 |
|      |                 |                 | A     | -                 | 416      | 120,964            | 22,422,645    |

Component Nbr. 2 Mejoramiento del capital humano avanzado a través del otorgamiento de becas para estancias cortas de formación en ciencia y tecnología

|      |   |                 |       | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |              |
|------|---|-----------------|-------|-------------------|----------|--------------------|--------------|
|      | Output  | Unit of Measure |       | 2021              | EOP 2023 | 2021               | EOP 2023     |
| 2.01 | Becas otorgadas para estancias cortas para PyMEs                | Becas           | P     | -                 | 120      | -                  | 3,325,000    |
|      |   |                 | P (a) | -                 | 26       | -                  | 363,952      |
|      |   |                 | A     | -                 | 26       | -                  | 363,952      |
| 2.02 | Becas otorgadas para estancias cortas para grandes empresas     | Becas           | P     | -                 | 60       | -                  | 1,500,000    |
|      |   |                 | P (a) | -                 | 29       | -                  | 197,484      |
|      |   |                 | A     | -                 | 29       | -                  | 197,484      |
| 2.03 | Becas otorgadas para estancias cortas para instituciones de CTI | Becas           | P     | -                 | 40       | -                  | 600,000      |
|      |   |                 | P (a) | -                 | 94       | -                  | 1,403,089    |
|      |   |                 | A     | -                 | 94       | -                  | 1,403,089    |
| 2.04 | Becas para doctorados   | Becas           | P     | -                 | 55       | -                  | 1,237,500    |
|      |   |                 | P (a) | -                 | 75       | -                  | 1,584,419    |
|      |   |                 | A     | -                 | 75       | -                  | 1,584,419    |
| 2.05 | Cursos cortos de especialización                                | cursos          | P     | -                 | -        | -                  | -            |
|      |   |                 | P (a) | 100               | 68       | 1,000,000          | 3,819,313.66 |
|      |   |                 | A     | -                 | 38       | -                  | 512,756      |

| Other Cost |                          |       |         |              |
|------------|--------------------------|-------|---------|--------------|
|            | Comunicación y logística | P     |         | 281,531.25   |
|            |                          | P (a) | 0       | 2,587        |
|            |                          | A     | 0       | 2,587        |
|            | Administración           | P     |         | 1,418,125    |
|            |                          | P (a) | 80,000  | 2,621,866.81 |
|            |                          | A     | 105,585 | 2,573,285    |
|            | Imprevistos              | P     |         | 404,718.75   |
|            |                          | P (a) | 0       | 0            |
|            |                          | A     | 0       | 0            |
|            | Costos Financieros       | P     |         | 418,125      |
|            |                          | P (a) | 0       | 0            |
|            |                          | A     | 0       | 0            |
|            | Auditoria y Evaluación   | P     |         | 0            |
|            |                          | P (a) | 20,000  | 440,872      |
|            |                          | A     | 31,895  | 265,905      |

| Total Cost |            |       |           |               |
|------------|------------|-------|-----------|---------------|
|            | Total Cost | P     |           | 26,600,000    |
|            |            | P (a) | 3,200,000 | 33,392,695.19 |
|            |            | A     | 258,444   | 29,326,122    |

CHANGES TO THE MATRIX

| Section | Name                             | Type of Change | Sub type  | Modified By | Entered in System |
|---------|----------------------------------|----------------|---|-------------|-------------------|
| Output  | Becas otorgadas                  | Modify Output  | Modify Financial EOP P(a) value - caused by a change in the Financial P(a). | GDALMASSO   | 3/18/2022         |
|         |                                  |                | Modify Financial Historical Actual  | GDALMASSO   | 3/18/2022         |
|         |                                  |                | Modify Physical EOP P(a) value - caused by a change in the Physical P(a).   | GDALMASSO   | 3/18/2022         |
|         |                                  |                | Modify Physical Historical Actual   | GDALMASSO   | 3/18/2022         |
|         | Cursos cortos de especialización | Modify Output  | Modify Financial EOP P(a) value - caused by a change in the Financial P(a). | GDALMASSO   | 3/18/2022         |
|         |                                  |                | Modify Physical EOP P(a) value - caused by a change in the Physical P(a).   | GDALMASSO   | 3/18/2022         |

RISKS AND PLANNED RESPONSES

| Risk ID | Risk Status      |                     | Risk Taxonomy   |
|---------|------------------|---------------------|-----------------|
| 1       | Inactive         |                     | Human Resources |
|         |                  |                     |                 |
|         | Response Actions |                     |                 |
|         | 1.1              | Management Strategy | Status          |
|         |                  | MITIGATE            | ACTIVE          |
|         |                  |                     |                 |
|         |                  |                     |                 |

| Risk ID | Risk Status      |                     | Risk Taxonomy  |
|---------|------------------|---------------------|----------------|
| 3       | Inactive         |                     | Sustainability |
|         |                  |                     |                |
|         | Response Actions |                     |                |
|         | 3.0              | Management Strategy | Status         |
|         |                  | -                   |                |
|         |                  |                     |                |
|         |                  |                     |                |

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 6       | Inactive         |                     | Planning      |
|         |                  |                     |               |
|         | Response Actions |                     |               |
|         | 6.1              | Management Strategy | Status        |
|         |                  | MITIGATE            | INACTIVE      |
|         |                  |                     |               |
|         |                  |                     |               |

| Risk ID | Risk Status      |                     | Risk Taxonomy             |
|---------|------------------|---------------------|---------------------------|
| 8       | Inactive         |                     | Institutional Environment |
|         |                  |                     |                           |
|         | Response Actions |                     |                           |
|         | 8.0              | Management Strategy | Status                    |
|         |                  | -                   |                           |
|         |                  |                     |                           |
|         |                  |                     |                           |

| Risk ID | Risk Status      |                     | Risk Taxonomy  |
|---------|------------------|---------------------|----------------|
| 9       | Inactive         |                     | Sustainability |
|         |                  |                     |                |
|         | Response Actions |                     |                |
|         | 9.0              | Management Strategy | Status         |
|         |                  | -                   |                |
|         |                  |                     |                |
|         |                  |                     |                |

| Risk ID | Risk Status      |                     | Risk Taxonomy    |
|---------|------------------|---------------------|------------------|
| 12      | Active           |                     | Technical Design |
|         |                  |                     |                  |
|         | Response Actions |                     |                  |
|         | 12.1             | Management Strategy | Status           |
|         |                  | MITIGATE            | ACTIVE           |
|         |                  |                     |                  |
|         |                  |                     |                  |

| Risk ID | Risk Status      |                     | Risk Taxonomy      |
|---------|------------------|---------------------|--------------------|
| 14      | Active           |                     | Social Environment |
|         |                  |                     |                    |
|         | Response Actions |                     |                    |
|         | 14.0             | Management Strategy | Status             |
|         |                  | -                   |                    |
|         |                  |                     |                    |
|         |                  |                     |                    |



IMPLEMENTATION STATUS AND LEARNING

| Lesson Learned - Categories |
|-----------------------------|
|                             |