



Operation Number: **AR-L1181**  
Year- PMR Cycle: **First period Jan-Jun 2015**  
Last Update: **10/22/2015**  
PMR Validation Stage: **Draft**

Chief of Operations validation date: **11/16/2015**  
Division Chief validation date: **11/16/2015**  
Country Representative validation date:

Inter-American Development Bank - IDB  
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

|                        |                                     |                                   |                                                               |
|------------------------|-------------------------------------|-----------------------------------|---------------------------------------------------------------|
| Operation name:        | Technological Innovation Program IV | Loan Number:                      | 3497/OC-AR                                                    |
| Executing Agency (EA): | MINISTERIO DE CIENCIA Y TECNOLOGÍA  |                                   |                                                               |
| Team Leader:           | Angelelli,Pablo Javier              | Sector/Subsector:                 | R&D AND INNOVATION FUNDING                                    |
| Operation Type:        | Loan Operation                      | Overall Stage:                    | Disbursing (From eligibility until all the loans are closed). |
| Lending Instrument:    | Investment Loan                     | Country:                          | ARGENTINA                                                     |
| Borrower:              | NACION ARGENTINA                    |                                   |                                                               |
|                        |                                     | Convergence related Operation(s): |                                                               |

Total Cost and Source

|          | Original IDB     | Current Active IDB | Local Counterpart | Co-Financing/Country | Total operation cost - Original Estimate |
|----------|------------------|--------------------|-------------------|----------------------|------------------------------------------|
| AR-L1181 | \$150,000,000.00 | \$150,000,000.00   | \$40,000,000.00   | \$0.00               | \$190,000,000.00                         |

Available Funds (US\$)

|          | Current IDB      | Disb. Amount to Date | % Disbursed | Undisbursed Balance |
|----------|------------------|----------------------|-------------|---------------------|
| AR-L1181 | \$150,000,000.00 | \$0.00               | 0.00%       | \$150,000,000.00    |

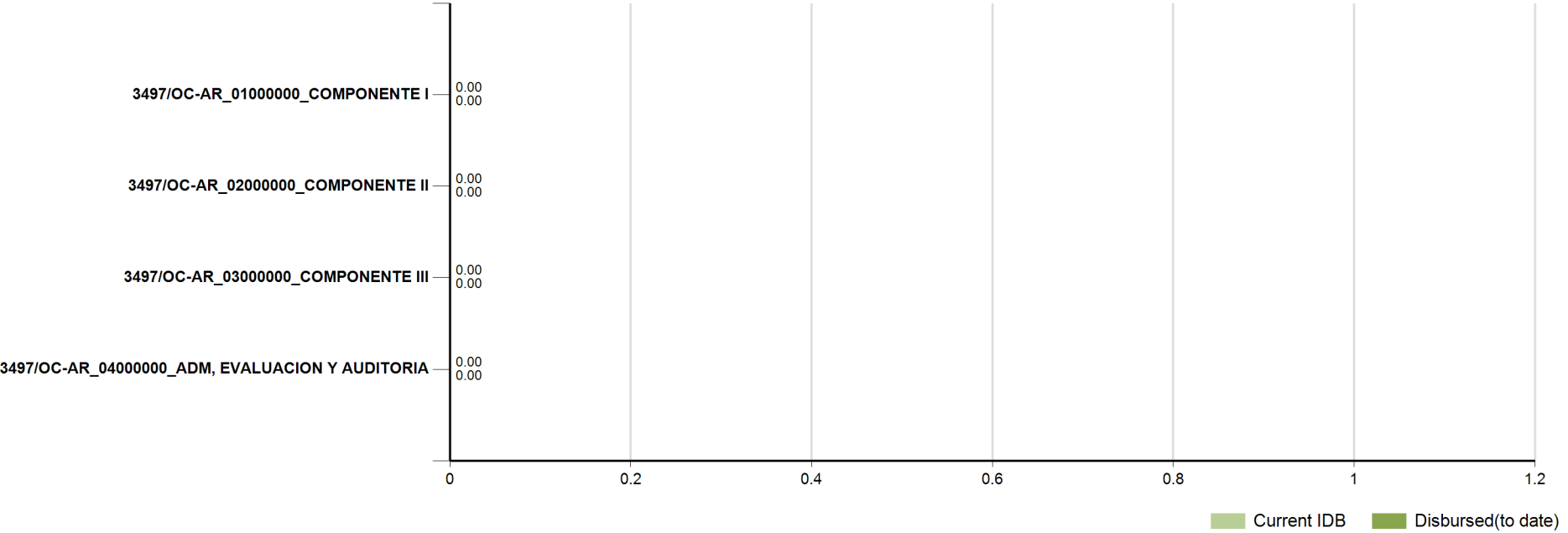
Environmental and Social Safeguards

|                                           |     |
|-------------------------------------------|-----|
| Main Operation                            |     |
| Impacts Category:                         | B13 |
| Safeguard Performance Rating:             |     |
| Safeguard Performance Rating - Rationale: |     |

Reformulation Information

|                                                           |    |
|-----------------------------------------------------------|----|
| Main Operation                                            |    |
| Was/Were the objective(s) of this operation reformulated? | NO |
| Date of approval:                                         |    |

Expense Categories by Loan Contract (cumulative values)



## Results Matrix

## Impacts

[illegible]

 RF - RF Indicator
  SI - Sector Indicator
  CI - Country Indicator
  PG - Pro-Gender
  PE - Pro-Ethnicity

## Outcomes

|                                                                                                                   |                                                                                            |                 |          |               |                       |              |      |       |  |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|----------|---------------|-----------------------|--------------|------|-------|--|
| Outcome:                                                                                                          | 0 Objetivo Específico I: Aumentar las capacidades de innovación                            |                 |          |               |                       |              |      |       |  |
| Observation:                                                                                                      |                                                                                            |                 |          |               |                       |              |      |       |  |
| Indicators                                                                                                        | Flags*                                                                                     | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | EOP  |       |  |
| 0.0 Inversión en innovación de las empresas beneficiarias vs grupo de control.                                    |                                                                                            | Porcentaje      | 0.00     | 2015          |                       |              | P    | 40.00 |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | P(a) |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | A    |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              |      |       |  |
| 0.1 Intensidad de I+ D en gastos de innovación de las empresas beneficiarias vs grupo de control.                 |                                                                                            | Porcentaje      | 0.00     | 2015          |                       |              | P    | 15.00 |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | P(a) |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | A    |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              |      |       |  |
| 0.2 Empresas que participan en consorcios público-privados que continúan su vinculación con los centros de I + D. |                                                                                            | Porcentaje      | 0.00     | 2015          |                       |              | P    | 30.00 |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | P(a) |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              | A    |       |  |
|                                                                                                                   |                                                                                            |                 |          |               |                       |              |      |       |  |
| Outcome:                                                                                                          | 1 Objetivo Específico II: Aumentar la generación de conocimiento científico y tecnológico. |                 |          |               |                       |              |      |       |  |
| Observation:                                                                                                      |                                                                                            |                 |          |               |                       |              |      |       |  |

| Indicators                                                                                                                                                              | Flags*                                                                                                                                                                               | Unit of Measure       | Baseline | Baseline Year | Means of verification | Observations | EOP  |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|---------------|-----------------------|--------------|------|--------|
| 1.0 Producción anual de conocimiento de investigadores apoyados vs grupo de control.                                                                                    |                                                                                                                                                                                      | Artículos científicos | 0.00     | 2015          |                       |              | P    | 1.30   |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | P(a) |        |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | A    |        |
| 1.1 Equipos científicos que son gestionados en forma colaborativa.                                                                                                      |                                                                                                                                                                                      | Equipos               | 330.00   | 2015          |                       |              | P    | 400.00 |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | P(a) |        |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | A    |        |
| 1.2 Productos de conocimiento interdisciplinarios y colaborativos implementados.                                                                                        |                                                                                                                                                                                      | Productos             | 0.00     | 2015          |                       |              | P    | 6.00   |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | P(a) |        |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | A    |        |
| Outcome:                                                                                                                                                                | 2 Objetivo Específico III: Mejorar las capacidades de seguimiento, evaluación, articulación institucional, análisis y difusión de las políticas de ciencia, tecnología e innovación. |                       |          |               |                       |              |      |        |
| Observation:                                                                                                                                                            |                                                                                                                                                                                      |                       |          |               |                       |              |      |        |
| Indicators                                                                                                                                                              | Flags*                                                                                                                                                                               | Unit of Measure       | Baseline | Baseline Year | Means of verification | Observations | EOP  |        |
| 2.0 Estudios realizados por el CIECTI que son utilizados como insumo en el diseño de políticas, planes y programas, y en modificaciones en el diseño de instrumentos.   |                                                                                                                                                                                      | Porcentaje            | 0.00     | 2015          |                       |              | P    | 50.00  |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | P(a) |        |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | A    |        |
| 2.1 Diferencia en las capacidades de planificación y gestión de la I+D de instituciones que participan en el programa de evaluación institucional vs. grupo de control. |                                                                                                                                                                                      | Porcentaje            | 0.00     | 2015          |                       |              | P    | 30.00  |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | P(a) |        |
|                                                                                                                                                                         |                                                                                                                                                                                      |                       |          |               |                       |              | A    |        |

|                                                                                                                                                                    |  |            |      |      |  |  |      |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------|------|--|--|------|-------|
| 2.2 Empresas que participan en el programa a partir de información obtenida a través de alguna de las herramientas desarrolladas en la estrategia de comunicación. |  |            |      |      |  |  | P    | 20.00 |
|                                                                                                                                                                    |  |            |      |      |  |  | P(a) |       |
|                                                                                                                                                                    |  |            |      |      |  |  | A    |       |
|                                                                                                                                                                    |  | Porcentaje | 0.00 | 2015 |  |  |      |       |

 RF - RF Indicator

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Outputs: Annual Physical and Financial Progress

| Componente I: Fortalecimiento de capacidades de innovación tecnológica.                              |                          | Physical Progress |          | Financial Progress |               |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------------|----------|--------------------|---------------|
| Outputs                                                                                              | Unit of Measure          | EOP               |          | EOP                |               |
| Proyectos empresariales de innovación financiados                                                    | Proyectos Financiados    | P                 | 386.00   | P                  | 20,220,643.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Recursos Humanos altamente calificados integrados en empresas                                        | Personas Financiadas     | P                 | 18.00    | P                  | 1,079,357.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de innovación tecnológica en aglomerados y cadenas productivas financiados.                | Proyectos Financiados    | P                 | 6.00     | P                  | 10,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de fortalecimiento y creación de centros de servicios tecnológicos financiados             | Proyectos Financiados    | P                 | 6.00     | P                  | 6,700,000.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de innovación tecnológica sectorial y regional financiados.                                | Proyectos Financiados    | P                 | 33.00    | P                  | 28,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos tecnológicos para el desarrollo de sectores emergentes financiados                         | Proyectos Financiados    | P                 | 2.00     | P                  | 20,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Componente II: Fortalecimiento de capacidades de investigación científica y tecnológica.             |                          | Physical Progress |          | Financial Progress |               |
| Outputs                                                                                              | Unit of Measure          | EOP               |          | EOP                |               |
| Proyectos de innovación científica y tecnológica financiados.                                        | Proyectos Financiados    | P                 | 1,500.00 | P                  | 49,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de investigación concertados con empresas.                                                 | Proyectos Financiados    | P                 | 6.00     | P                  | 5,000,000.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de modernización de equipamiento financiados.                                              | Proyectos Financiados    | P                 | 100.00   | P                  | 22,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de creación de centros interinstitucionales multidisciplinarios financiados.               | Proyectos Financiados    | P                 | 4.00     | P                  | 10,000,000.00 |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Componente III: Seguimiento, evaluación, articulación y difusión de las políticas de CTI.            |                          | Physical Progress |          | Financial Progress |               |
| Outputs                                                                                              | Unit of Measure          | EOP               |          | EOP                |               |
| Relevamientos para la elaboración de indicadores de CTI realizados.                                  | Relevamientos realizados | P                 | 7.00     | P                  | 1,000,000.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Estudios CIECTI elaborados y publicados                                                              | Estudios                 | P                 | 78.00    | P                  | 2,200,000.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |
| Proyectos de fortalecimiento de sistemas nacionales de grandes equipos y bases de datos financiados. | Proyectos Financiados    | P                 | 34.00    | P                  | 3,000,000.00  |
|                                                                                                      |                          | P(a)              | 0.00     | P(a)               | 0.00          |
|                                                                                                      |                          | A                 | 0.00     | A                  | 0.00          |

|                                                                         |                       |                   |        |                    |              |
|-------------------------------------------------------------------------|-----------------------|-------------------|--------|--------------------|--------------|
| Planes de Mejoramiento Institucional de Organismos de CYT implementados | Planes Financiados    | P                 | 34.00  | P                  | 3,000,000.00 |
|                                                                         |                       | P(a)              | 0.00   | P(a)               | 0.00         |
|                                                                         |                       | A                 | 0.00   | A                  | 0.00         |
| Proyectos de cultura científica financiados                             | Proyectos Financiados | P                 | 160.00 | P                  | 1,800,000.00 |
|                                                                         |                       | P(a)              | 0.00   | P(a)               | 0.00         |
|                                                                         |                       | A                 | 0.00   | A                  | 0.00         |
| Horas de contenido multimedia                                           | Horas Producidas      | P                 | 620.00 | P                  | 1,000,000.00 |
|                                                                         |                       | P(a)              | 0.00   | P(a)               | 0.00         |
|                                                                         |                       | A                 | 0.00   | A                  | 0.00         |
| Componente IV: Administración, evaluación y auditoría.                  |                       | Physical Progress |        | Financial Progress |              |
| Outputs                                                                 | Unit of Measure       | EOP               |        | EOP                |              |
| Administración, evaluación y auditoría                                  |                       | P                 | 0.00   | P                  | 6,000,000.00 |
|                                                                         |                       | P(a)              | 0.00   | P(a)               | 0.00         |
|                                                                         |                       | A                 | 0.00   | A                  | 0.00         |

|            |  |      |                  |
|------------|--|------|------------------|
| Total Cost |  |      | Total Cost       |
|            |  | P    | \$190,000,000.00 |
|            |  | P(a) |                  |
|            |  | A    |                  |

Changes to the Matrix

No information related to this operation.

Please note that the Overall Stage represents the stage of the operation at the time of this report’s publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains.