

# PMR Operational Report

|                             |                             |   |          |
|-----------------------------|-----------------------------|---|----------|
| <b>Operation Number</b>     | BR-L1020                    | <b>Chief of Operations Validation Date</b>    | 05/05/17 |
| <b>Year- PMR Cycle</b>      | Second period Jan-Dec 2016  | <b>Division Chief Validation Date</b>         | 05/05/17 |
| <b>Last Update</b>          | 05/05/17                    | <b>Country Representative Validation Date</b> | 05/05/17 |
| <b>PMR Validation Stage</b> | Validated by Representative |   |          |

## Basic Data

### Operation Profile

|                           |  |   |   |
|---------------------------|--|---|---|
| <b>Operation Name</b>     | Innovation and Dissemination Local Cluster Competitiveness State of Pernambuco | <b>Loan Number</b>                      | 2147/OC-BR  |
| <b>Executing Agency</b>   | SECRETARIA DE CIENCIA, TECNOLOGIA Y MEDIO AMBIENTE DE PERNAMBUCO               | <b>Sector/Subsector</b>                 | IN - INDUSTRY   |
| <b>Team Leader</b>        | RADAELLI,VANDERLEIA  | <b>Overall Stage</b>                    | Disbursing (From eligibility until all the Operations are closed) |
| <b>Operation Type</b>     | Loan Operation   | <b>Country</b>                          | BRAZIL  |
| <b>Lending Instrument</b> | Investment Loan  | <b>Convergence related Operation(s)</b> |   |
| <b>Borrower</b>           | ESTADO DE PERNAMBUCO   |   |   |

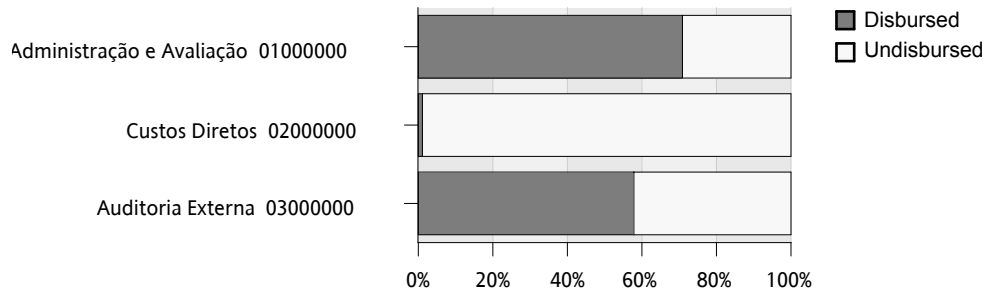
## Environmental and Social Safeguards

|   |      |  |    |
|---|------|--|----|
| <b>Impacts Category</b>                         | C(R) | <b>Was/Were the objective(s) of this operation reformulated?</b> | NO |
| <b>Safeguard Performance Rating</b>             |      | <b>Date of approval</b>  |    |
| <b>Safeguard Performance Rating - Rationale</b> |      |  |    |

## Financial Data

| Item       | Total Cost and Source |             |                   |                        |                     | Available Funds (US\$) |                      |        |                    |
|------------|-----------------------|-------------|-------------------|------------------------|---------------------|------------------------|----------------------|--------|--------------------|
|            | Original IDB          | Current IDB | Local Counterpart | Co-Financing / Country | Total Original Cost | Current IDB            | Disb. Amount to Date | % Disb | Undisbursed Amount |
| BR-L1020   | 10,000,000            | 10,000,000  | 7,761,984         | 0                      | 17,761,984          | 10,000,000             | 1,881,655.71         | 18.82% | 8,118,344.29       |
| Aggregated | 10,000,000            | 10,000,000  | 7,761,984         | 0                      | 17,761,984          | 10,000,000             | 1,881,655.71         | 18.82% | 8,118,344.29       |

## Expense Categories by Loan Contract (cumulative values)



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. Please also 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.

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 1:** Contribuir al crecimiento económico sostenible de Pernambuco, aumentando la competitividad de las empresas involucradas en los APLs del estado donde se pueden lograr resultados en el periodo de ejecución del Programa.

**Observation:**

| Indicator |  | Unit of Measure | Baseline | Baseline Year |      | 2015  | 2016 | 2017  | EOP 2017 |
|-----------|--|-----------------|----------|---------------|------|-------|------|-------|----------|
| 1.1       | Valor de las ventas por empleado en las empresas beneficiarias en los APLs participantes elevado | Porcentaje      | 0.0      | 2011          | P    | 10.00 |      |       | 10.00    |
|           |  |                 |          |               | P(a) | 10.00 |      | 10.00 | 10.00    |
|           |  |                 |          |               | A    |       |      |       |          |

#### Details

**Means of verification:** Encuestas especializadas y datos secundarios oficiales.

**Pro-Gender** No **Pro-Ethnicity** No

| Indicator |  | Unit of Measure | Baseline | Baseline Year |      | 2015  | 2016 | 2017  | EOP 2017 |
|-----------|--|-----------------|----------|---------------|------|-------|------|-------|----------|
| 1.2       | Valor de las exportaciones de las empresas beneficiarias en los APLs participantes elevado | %               | 0.0      | 2011          | P    | 10.00 |      |       | 10.00    |
|           |  |                 |          |               | P(a) | 10.00 |      | 10.00 | 10.00    |
|           |  |                 |          |               | A    |       |      |       |          |

#### Details

**Means of verification:** Encuestas especializadas y datos secundarios oficiales.

**Pro-Gender** No **Pro-Ethnicity** No

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 1:** Desarrollo de un mecanismo de producción y difusión de innovaciones y de articulación entre los actores (empresas, instituciones relacionadas, etc.) de los APLs participantes, apoyado.

**Observation:** Cada uno de los indicadores siguientes está referido a un impacto específico y único a lograr por el programa, y no está referido a una acción particular. Por diseño, de acuerdo a lo especificado en el Reglamento Operativo, la línea de base se mide en cad

| Indicator |  | Unit of Measure | Baseline | Baseline Year |      | 2013 | 2015  | 2016 | 2017  | EOP 2017 |
|-----------|--|-----------------|----------|---------------|------|------|-------|------|-------|----------|
| 1.1       | Número de empresas que manifiestan haber realizado actividades innovadoras o introducido nuevos productos y/o procesos en el mercado incrementado. | %               | 0.0      | 2011          | P    |      | 25.00 |      |       | 25.00    |
|           |  |                 |          |               | P(a) |      | 25.00 |      | 15.00 | 15.00    |
|           |  |                 |          |               | A    |      |       |      |       |          |

#### Details

**Means of verification:** Sistema de Seguimiento y Evaluación del Programa.

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator |  | Unit of Measure | Baseline | Baseline Year |      | 2013  | 2015  | 2016 | 2017  | EOP 2017 |
|-----------|--|-----------------|----------|---------------|------|-------|-------|------|-------|----------|
| 1.2       | Número de consorcios, asociaciones, etc., entre las empresas del APL, y entre éstas y otros actores de la cadena productiva incrementado | %               | 0.0      | 2011          | P    | 15.00 | 15.00 |      |       | 30.00    |
|           |  |                 |          |               | P(a) | 15.00 | 15.00 |      | 15.00 | 15.00    |
|           |  |                 |          |               | A    |       |       |      |       |          |

#### Details

**Means of verification:** Sistema de Seguimiento y Evaluación del Programa.

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator |  | Unit of Measure | Baseline | Baseline Year |      | 2013  | 2015  | 2016 | 2017  | EOP 2017 |
|-----------|--|-----------------|----------|---------------|------|-------|-------|------|-------|----------|
| 1.3       | Número de entidades de apoyo relacionadas (universidades, centros de investigación, etc.) que participan en acciones para el desarrollo elevado. | %               | 0.0      | 2011          | P    | 10.00 | 10.00 |      |       | 20.00    |
|           |  |                 |          |               | P(a) | 10.00 | 10.00 |      | 10.00 | 10.00    |
|           |  |                 |          |               | A    | 0.00  |       |      |       |          |

#### Details

**Means of verification:** Sistema de Seguimiento y Evaluación del Programa.

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Componente 1: Desarrollo de un Modelo Público-Privado de Apoyo al Mejoramiento de la Competitividad de los APLs.

|     | Output   | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |            |
|-----|--|-----------------|------|-------------------|----------|--------------------|------------|
|     |  |                 |      | 2016              | EOP 2017 | 2016               | EOP 2017   |
| 1.1 | Sistema Público-Privado de Apoyo al Mejoramiento de la Competitividad de los Arreglos Productivos Locales (APLs) desarrollado. | Sistema         | P    | 0                 | 1        | 0                  | 1,000,000  |
|     |  |                 | P(a) | 1                 | 1        | 469,301.06         | 1,000,000  |
|     |  |                 | A    | 1                 | 1        | 380,000            | 412,783.94 |

Component Nbr. 2 Componente 2: Cofinanciamiento de acciones específicas de los PMCs de APLs

|     | Output   | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |              |
|-----|--|-----------------|------|-------------------|----------|--------------------|--------------|
|     |  |                 |      | 2016              | EOP 2017 | 2016               | EOP 2017     |
| 2.1 | Arreglos Productivos Locales (APLs) fortalecidos | APL             | P    |                   | 0        | 3,637,500          | 12,125,000   |
|     |  |                 | P(a) | 2                 | 4        | 4,785,484          | 12,125,000   |
|     |  |                 | A    | 2                 | 2        | 2,133,709.65       | 2,207,768.28 |

Component Nbr. 3 Componente 3: Aplicaciones estratégicas de tecnología de información y comunicación (TIC) para los APLs

|     | Output  | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|-----|---|-----------------|------|-------------------|----------|--------------------|-----------|
|     |   |                 |      | 2016              | EOP 2017 | 2016               | EOP 2017  |
| 3.1 | Sistema de aplicaciones estratégicas de tecnología de información y comunicación (TIC) para los 4 APLs desarrollado e implementado. | Sistema         | P    |                   | 1        |                    | 1,280,000 |
|     |   |                 | P(a) |                   | 1        |                    | 1,280,000 |
|     |   |                 | A    |                   | 0        |                    | 0         |

Component Nbr. 4 Componente 4: Desarrollo e implementación de un sistema de acompañamiento y evaluación y de identificación y divulgación de lecciones aprendidas.

|     | Output   | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |          |
|-----|--|-----------------|------|-------------------|----------|--------------------|----------|
|     |  |                 |      | 2016              | EOP 2017 | 2016               | EOP 2017 |
| 4.1 | Sistema de acompañamiento y evaluación y de identificación y divulgación de lecciones aprendidas desarrollado y en funcionamiento. | Sistema         | P    | 0                 | 1        | 152,000            | 380,000  |
|     |  |                 | P(a) | 0                 | 1        | 255,000            | 255,000  |
|     |  |                 | A    |                   | 0        | 380,000            | 380,000  |

## Other Cost

|  |  |      |  |  |           |              |
|--|--|------|--|--|-----------|--------------|
|  | Gestión y administración del Programa. | P    |  |  | 19,000    | 1,053,000    |
|  |  | P(a) |  |  | 1,418,034 | 2,502,326.34 |
|  |  | A    |  |  | 1,179,830 | 2,264,122.34 |

## Total Cost

|  |            |      |  |  |              |               |
|--|------------|------|--|--|--------------|---------------|
|  | Total Cost | P    |  |  | 3,808,500    | 15,838,000    |
|  |            | P(a) |  |  | 6,927,819.06 | 17,162,326.34 |
|  |            | A    |  |  | 4,073,539.65 | 5,264,674.56  |

## PMR Operational Report

### CHANGES TO THE MATRIX

| Section | Name  | Type of Change | Reasons   | Entered in the System | Agreed with Executing Agency |
|---------|---|----------------|---|-----------------------|------------------------------|
| Output  | Sistema de aplicaciones estratégicas de tecnología de información y comunicación (TIC) para los 4 APLs desarrollado e implementado. | Modify Output  | Replanificação dos anos futuros de acordo com o que foi realizado até dezembro de 2016. | 03/28/2017            | 03/17/2017                   |