

# PMR Public Report

|                             |                                  |                                               |          |
|-----------------------------|----------------------------------|-----------------------------------------------|----------|
| <b>Operation Number</b>     | UR-L1163                         | <b>Chief of Operations Validation Date</b>    | 10/04/21 |
| <b>Year- PMR Cycle</b>      | First period Jan-Jun 2021        | <b>Division Chief Validation Date</b>         |          |
| <b>Last Update</b>          | 11/25/21                         | <b>Country Representative Validation Date</b> |          |
| <b>PMR Validation Stage</b> | Validated by Chief of Operations |                                               |          |

## Basic Data

### Operation Profile

|                           |                                                                                 |                                         |                                                  |
|---------------------------|---------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|
| <b>Operation Name</b>     | E-Government Management Project in the Health Sector III                        | <b>Loan Number</b>                      | 5176/OC-UR                                       |
| <b>Executing Agency</b>   | AGENCIA DE GOBIERNO ELECTRÓNICO Y SOCIEDAD DE LA INFORMACIÓN Y DEL CONOCIMIENTO | <b>Sector/Subsector</b>                 | REFORM / MODERNIZATION OF THE STATE-E-GOVERNMENT |
| <b>Team Leader</b>        | PAREJA GLASS, ALEJANDRO                                                         | <b>Overall Stage</b>                    | Approved/Pending Financial System Registration   |
| <b>Operation Type</b>     | Loan Operation                                                                  | <b>Country</b>                          | Uruguay                                          |
| <b>Lending Instrument</b> | Investment Loan                                                                 | <b>Convergence related Operation(s)</b> |                                                  |
| <b>Borrower</b>           | REPUBLICA ORIENTAL DE URUGUAY                                                   |                                         |                                                  |

## Environmental and Social Safeguards

|                                                 |   |                                                                  |    |
|-------------------------------------------------|---|------------------------------------------------------------------|----|
| <b>Impacts Category</b>                         | C | <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 |
| UR-L1163   | 6,000,000             | 6,000,000   | 1,350,000         | 0                      | 7,350,000           | 6,000,000              | 0                    | 0.00%  | 6,000,000          |
| Aggregated | 6,000,000             | 6,000,000   | 1,350,000         | 0                      | 7,350,000           | 6,000,000              | 0                    | 0.00%  | 6,000,000          |

## Expense Categories by Loan Contract (cumulative values)

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### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 1:** El proyecto contribuirá a una mejora de la gestión de los servicios de salud en general, entre ellos los relacionados con prevención y atención temprana de enfermedades crónicas no transmisibles. Para esta mejora, se perseguirán los siguientes objetivos específicos: (i) aumentar la calidad de la información interoperable de la Historia Clínica Electrónica Nacional (HCEN); y (ii) incrementar el uso de los datos de la HCEN para la gestión de pacientes y el monitoreo de los objetivos sanitarios y las metas asistenciales.

#### Observation:

|     | Indicator                                                            | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|----------------------------------------------------------------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.0 | Porcentaje de personas hipertensas que son diagnosticadas y tratadas | %               | 39.30    | 2019          | 2023                         | P | 45.00  |
|     |                                                                      |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Informe seguimiento de objetivos sanitarios, Ministerio de Salud

**Pro-Gender** No

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

**Pro-Ethnicity** No

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### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 1:** Resultado 1: Calidad de la información interoperable de la HCEN mejorada

**Observation:**

| Indicator |                                                                                 | Unit of Measure | Baseline | Baseline Year |   | 2021 | 2022 | 2023  | 2024 | EOP 2024 |
|-----------|---------------------------------------------------------------------------------|-----------------|----------|---------------|---|------|------|-------|------|----------|
| 1.0       | Porcentaje de personas que cuentan con un resumen clínico en la plataforma HCEN | %               | 0.00     | 2019          | P | 3.00 | 9.00 | 17.00 |      | 17.00    |
|           |                                                                                 |                 |          |               | A |      |      |       |      |          |

#### Details

**Means of verification:** Sistema de monitoreo plataforma HCEN

**Observations:** Denominador: INE proyección población Meta: Personas mayores a 65 y menores de 14 son 1.158.000. De estas el 60% son captables y son 17% de la población.

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

| Indicator |                                                            | Unit of Measure | Baseline | Baseline Year |   | 2021 | 2022  | 2023  | 2024 | EOP 2024 |
|-----------|------------------------------------------------------------|-----------------|----------|---------------|---|------|-------|-------|------|----------|
| 1.3       | Porcentaje de personas que cuentan con un CMD estructurado | %               | 0.00     | 2019          | P | 5.00 | 15.00 | 34.00 |      | 34.00    |
|           |                                                            |                 |          |               | A |      |       |       |      |          |

#### Details

**Means of verification:** Sistema de monitoreo plataforma HCEN.

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

| Indicator |                                                               | Unit of Measure | Baseline | Baseline Year |   | 2021  | 2022  | 2023  | 2024 | EOP 2024 |
|-----------|---------------------------------------------------------------|-----------------|----------|---------------|---|-------|-------|-------|------|----------|
| 1.4       | Porcentaje de eventos clínicos con CMD registrados en la HCEN | %               | 0.00     | 2021          | P | 36.00 | 45.00 | 54.00 |      | 54.00    |
|           |                                                               |                 |          |               | A |       |       |       |      |          |

#### Details

**Means of verification:** Sistema de monitoreo plataforma HCEN

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

| Indicator |                                                                                                         | Unit of Measure | Baseline | Baseline Year |   | 2021 | 2022  | 2023 | 2024 | EOP 2024 |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|----------|---------------|---|------|-------|------|------|----------|
| 1.5       | Porcentaje de profesionales y técnicos de la salud satisfechos o muy satisfechos con la plataforma HCEN | %               | 63.00    | 2018          | P | 0.00 | 75.00 | 0.00 |      | 80.00    |
|           |                                                                                                         |                 |          |               | A |      |       |      |      |          |

#### Details

**Means of verification:** Encuesta bienal TIC y de salud de AGESIC

**Observations:** Indicador compuesto construido a partir de una serie de variables relevadas en la encuesta

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

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### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 2:** Resultado 2: Monitoreo de los objetivos y metas sanitarias a través de la HCEN aumentado

**Observation:**

| Indicator                                                     |                                                                                      | Unit of Measure | Baseline | Baseline Year |   | 2021          | 2022 | 2023 | 2024 | EOP 2024 |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|----------|---------------|---|---------------|------|------|------|----------|
| 2.0                                                           | Número de objetivos sanitarios monitoreados en el sistema de seguimiento poblacional | Número          | 0.00     | 2019          | P | 2.00          | 4.00 | 6.00 |      | 6.00     |
|                                                               |                                                                                      |                 |          |               | A |               |      |      |      |          |
| Details                                                       |                                                                                      |                 |          |               |   |               |      |      |      |          |
| Means of verification: Informes de la Junta Nacional de Salud |                                                                                      |                 |          |               |   |               |      |      |      |          |
| Pro-Gender                                                    |                                                                                      | No              |          |               |   | Pro-Ethnicity |      | No   |      |          |

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Componente 1: Oferta de plataforma y servicios conexos

|     | Output                                                                                             | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|-----|----------------------------------------------------------------------------------------------------|-----------------|------|-------------------|----------|--------------------|-----------|
|     |                                                                                                    |                 |      | 2021              | EOP 2024 | 2021               | EOP 2024  |
| 1.1 | Sistema de la HCEN actualizado                                                                     | Sistema         | P    | 0                 | 3        | 284,803            | 2,240,376 |
|     |                                                                                                    |                 | P(a) | 0                 | 3        | 284,803            | 2,240,376 |
|     |                                                                                                    |                 | A    |                   | 0        |                    | 0         |
| 1.2 | Sistema de gestión de la prescripción y dispensación de medicamentos a nivel nacional implementado | Sistema         | P    | 0                 | 1        | 0                  | 417,992   |
|     |                                                                                                    |                 | P(a) | 0                 | 1        | 0                  | 417,992   |
|     |                                                                                                    |                 | A    |                   | 0        |                    | 0         |
| 1.3 | Sistema de catálogos de estructura de información médica diseñados                                 | Sistema         | P    | 0                 | 1        | 45,000             | 507,175   |
|     |                                                                                                    |                 | P(a) | 0                 | 1        | 45,000             | 507,175   |
|     |                                                                                                    |                 | A    |                   | 0        |                    | 0         |
| 1.4 | Servicios de terminología SNOMED implementado                                                      | Servicios       | P    | 0                 | 3        | 44,997             | 732,908   |
|     |                                                                                                    |                 | P(a) | 0                 | 3        | 44,997             | 732,908   |
|     |                                                                                                    |                 | A    |                   | 0        |                    | 0         |
| 1.5 | Modelo de ciberseguridad de la plataforma HCEN implementado                                        | Modelo          | P    | 0                 | 1        | 0                  | 210,000   |
|     |                                                                                                    |                 | P(a) | 0                 | 1        | 0                  | 210,000   |
|     |                                                                                                    |                 | A    |                   | 0        |                    | 0         |

## Component Nbr. 2 Componente 2: Promoción del uso de datos

|     | Output                                                                                                                   | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|-----|--------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------------------|----------|--------------------|-----------|
|     |                                                                                                                          |                 |      | 2021              | EOP 2024 | 2021               | EOP 2024  |
| 2.1 | Estrategia de promoción y adopción de CMD en HCEN implementada                                                           | Estrategia      | P    | 0                 | 1        | 0                  | 191,344   |
|     |                                                                                                                          |                 | P(a) | 0                 | 1        | 0                  | 191,344   |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |
| 2.2 | Proyectos de fortalecimiento digital en prestadores de servicios de salud implementados                                  | Proyectos       | P    | 0                 | 10       | 3,220              | 507,621   |
|     |                                                                                                                          |                 | P(a) | 0                 | 10       | 3,220              | 507,621   |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |
| 2.3 | Estrategia de promoción y adopción del marco de referencia en ciberseguridad para el uso de CMD en la HCEN implementada  | Estrategia      | P    | 0                 | 1        | 0                  | 142,000   |
|     |                                                                                                                          |                 | P(a) | 0                 | 1        | 0                  | 142,000   |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |
| 2.4 | Sistema de gestión de la salud poblacional a eventos clínicos y resumen del paciente almacenados en la HCEN implementado | Sistema         | P    | 0                 | 1        | 5,856              | 1,611,081 |
|     |                                                                                                                          |                 | P(a) | 0                 | 1        | 5,856              | 1,611,081 |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |
| 2.5 | Sistema de información de costo efectividad del sector salud implementado                                                | Sistema         | P    | 0                 | 1        | 0                  | 250,000   |
|     |                                                                                                                          |                 | P(a) | 0                 | 1        | 0                  | 250,000   |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |
| 2.6 | Estrategia de transferencia de conocimiento implementada                                                                 | Estrategia      | P    | 0                 | 1        | 0                  | 155,000   |
|     |                                                                                                                          |                 | P(a) | 0                 | 1        | 0                  | 155,000   |
|     |                                                                                                                          |                 | A    |                   | 0        |                    | 0         |

## Other Cost

|  |                                                                         |      |  |  |       |         |
|--|-------------------------------------------------------------------------|------|--|--|-------|---------|
|  | Administración, evaluación y monitoreo del proyecto (incluye Auditoría) | P    |  |  | 2,169 | 384,505 |
|  |                                                                         | P(a) |  |  | 2,169 | 384,505 |
|  |                                                                         | A    |  |  |       | 0       |

## Total Cost

|  |            |   |  |  |         |           |
|--|------------|---|--|--|---------|-----------|
|  | Total Cost | P |  |  | 386,045 | 7,350,002 |
|--|------------|---|--|--|---------|-----------|

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

|  |            |      |  |  |         |           |
|--|------------|------|--|--|---------|-----------|
|  | Total Cost | P(a) |  |  | 386,045 | 7,350,002 |
|  |            | A    |  |  |         | 0         |

## CHANGES TO THE MATRIX

No information available for this section

## RISKS AND PLANNED RESPONSES

| Risk ID | Risk Status      |                     | Risk Taxonomy  |
|---------|------------------|---------------------|----------------|
| 1       | Active           |                     | Sustainability |
|         |                  |                     |                |
|         | Response actions |                     |                |
|         | 1.0              | Management Strategy | Status         |
|         |                  | -                   |                |

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 2       | Active           |                     | Integrity     |
|         |                  |                     |               |
|         | Response actions |                     |               |
|         | 2.1              | Management Strategy | Status        |
|         |                  | MITIGATE            | ACTIVE        |



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## IMPLEMENTATION STATUS AND LEARNING

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