



# PERU:

## INVESTMENT OPPORTUNITIES



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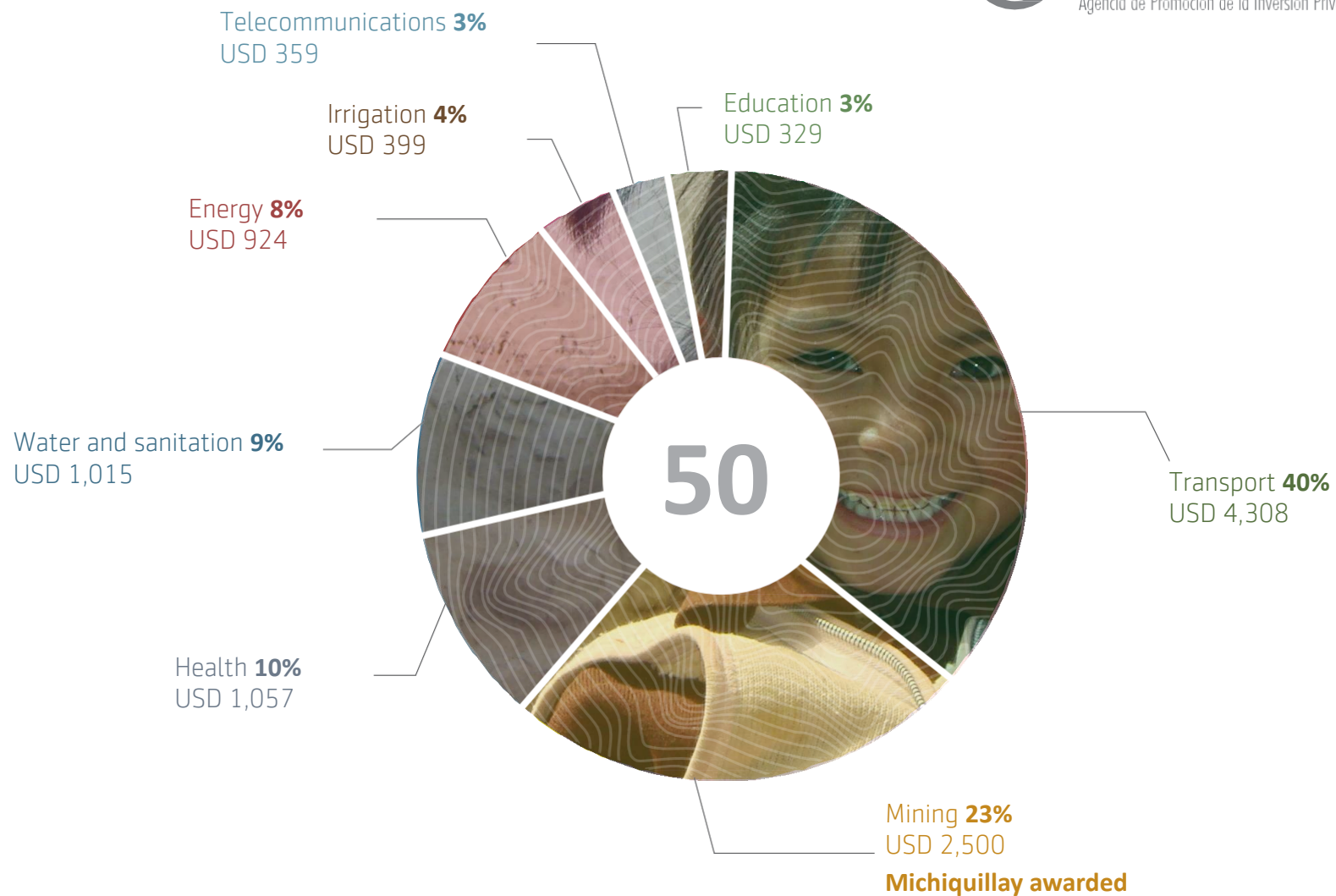
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## PORTFOLIO 2018-2020

### 50 PROJECTS

Estimated investment:  
**USD 10.8 billion\***



\*It does not include projects whose amounts have not yet been determined.



## CHALLENGES 2018

**18 PROJECTS** - USD 4,122 Million

### TRANSPORT

AMOUNT: USD 215 M / NUMBER: 1

- Salaverry's Port Terminal

### TELECOMMUNICATIONS

AMOUNT: USD 359 M / NUMBER: 6

- Áncash, Arequipa, Huánuco, La Libertad, Pasco and San Martín broadband

### MINING

AMOUNT: USD2,500 M / NUMBER: 3

- Michiquillay Mining Project - **Awarded**
- Colca Mining Project\*
- Jalaoca Mining Project\*

### ENERGY

AMOUNT: USD 744 M / NUMBER: 7

- Massive Use of Natural Gas
- La Niña-Piura 500 kV link
- Pariñas- Nueva Tumbes 220 kV link
- Tingo María- Aguaytía 220 kV link
- Carabayllo transmission line
- Trujillo Substation Compensator
- Refurbishment of ENOSA

### WATER AND SANITATION

AMOUNT: USD 304 M / NUMBER: 1

- Titicaca WWTP

\*Amount to be determined.

## CHALLENGES 2019 - 2020

**32 PROJECTS** - USD 6,769 Million

### TRANSPORT

AMOUNT: USD 4,093 M / NUMBER: 5

- Longitudinal Sierra Highway Section 4
- Huancayo – Huancavelica Railway
- International North Highway
- Marcona's Port Terminal
- Peripheral Ring Road

### ENERGY

AMOUNT: USD 180 M / NUMBER: 7

- Integrated Gas Transport System – South of the Country\*
- Other projects

### WATER AND SANITATION

AMOUNT: USD 711 M / NUMBER: 3

- Main Works
- Huancayo, Tambo and Chilca WWTP
- Puerto Maldonado WWTP

### HEALTH

AMOUNT: USD 1,057 M / NUMBER: 9

- ESSALUD Chimbote
- ESSALUD Piura
- Other projects

### EDUCATION

AMOUNT: USD 329 M / NUMBER: 7

- Schools at risk (CER, by its Spanish initials)
- High-performance schools (COAR, by its Spanish initials)

### IRRIGATION

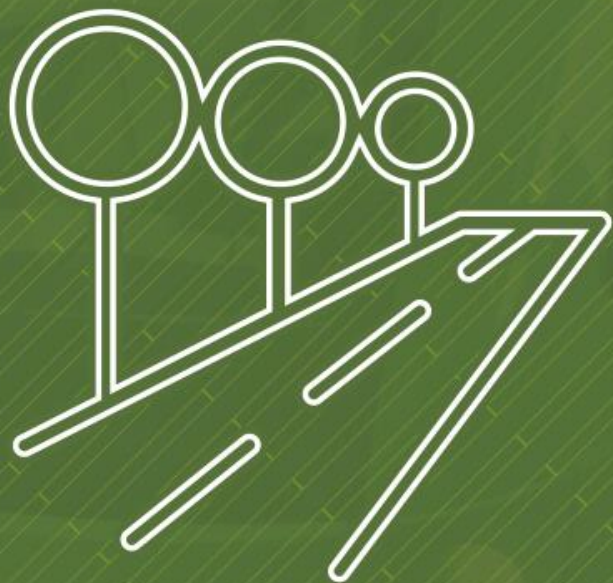
AMOUNT: USD 399 M / NUMBER: 1

- Water Reinforcement of Ica

\*Amount to be determined.

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# TRANSPORTATION



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## LONGITUDINAL SIERRA HIGHWAY. SECTION 4



**Objective:** To provide for improvement and rehabilitation works (117 km), initial periodic maintenance (503 km) and maintenance and operation of approximately 970 km of the Longitudinal Sierra Highway, a major national road connecting 12 departments across the entire Andes

**Responsible body:** Ministry of Transportation and Communications

**Modality:** Co-financed government initiative

**Investment amount (w/o. VAT):** USD 464 million

**Concession term:** 25 years

**Area of influence:** Junín, Huancavelica, Ayacucho, Apurímac and Ica

**Estimated award date:** 1<sup>st</sup> Quarter 2019



## HUANCAYO – HUANCAMELICA RAILWAY



**Objective:** Comprehensive rehabilitation of the Huancayo-Huancavelica railroad comprises the design, finance, build, and execution, acquisition of materials, operation and maintenance

**Responsible body:** Ministry of Transportation and Communications

**Modality:** Co-financed government initiative

**Investment amount (w/o. VAT):** USD 235 million

**Concession term:** 30 years

**Area of influence:** Junín and Huancavelica

**Maximum date to present qualification credentials:** January 2019

**Estimated award date:** 1<sup>er</sup> Semester 2019

## PERIPHERAL RING ROAD



**Objective:** To build a 33.2-km long beltway from “200 miles Circle” to “Circunvalación Avenue”

**Responsible body:** Ministry of Transportation and Communications

**Modality:** Co-financed government initiative

**Investment amount (w/o. VAT):** USD 2 049 million

**Concession term:** 30 years

**Area of influence:** Lima and Callao

**Estimated award date:** 2019



## NEW PORT TERMINAL OF SAN JUAN DE MARCONA



**Objective:** Design, finance, build, operate and maintain and new port terminal of public use, providing specialize services of storage and load of concentrates of iron and copper, as well as the supplies of mining production

**Responsible body:** Ministry of Transportation and Communications - National Port Authority

**Modality:** Self-financed unsolicited proposal

**Investment amount (w/o. VAT):** USD 582 million

**Concession term:** 30 years

**Area of influence :** Regions of Ica, Ayacucho, north area of Arequipa, Apurímac and Cusco

**Estimated award date:** 1<sup>st</sup> Semester 2019

## INTERNATIONAL NORTH HIGHWAY



**Objective:** To develop road infrastructure that includes the concession of the North Pan-American Highway Sullana - Tumbes - La Paz International Bridge Detour Sector, as well as the granting of a concession for the design, construction, operation and maintenance of the road connecting the cities of Sullana, Talara, Los Órganos, Máncora, Zorritos, Tumbes, Zarumilla up to the La Paz International Bridge

**Responsible body:** Ministry of Transport and Construction

**Modality:** Co-financed Unsolicited Proposal

**Investment amount (w/o VAT):** USD 763 million

**Concession term:** 25 years

**Area of Influence:** Tumbes and Piura

**Estimated interest declaration date:** 2019

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# TELECOMMUNICATION



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## BROAD BAND FOR THE COMPREHENSIVE CONNECTIVITY AND SOCIAL DEVELOPMENT IN ÁNCASH, AREQUIPA, HUÁNUCO, LA LIBERTAD, PASCO AND SAN MARTIN



**Objective:** To increase access to telecommunications services, through:  
(i) the expansion of broadband carrier networks to district capitals, and  
(ii) providing access networks to services for the benefit of 2, 007 rural areas

**Responsible body:** Ministry of Transportation and Communications

**Modality:** Asset transfer project

**Investment amount (w/o. VAT):** USD 359 million

**Area of influence:** Ancash, Arequipa, Huánuco, La Libertad, Pasco and San Martín

**Estimated award date:** 2<sup>nd</sup> Semester 2018

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# MINING



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## COLCA MINING PROJECT



**Objective:** Deposit of a copper - gold porphyry project spanning 14,100 hectares. Two important mineralized zones have been identified, surrounded by other important properties with clear mining potential. Further drilling would define the deposit's potential and size

**Responsible body:** Ministry of Energy and Mines

**Modality:** Asset transfer project

**Investment amount (w/o. VAT):** To be determined

**Concession term:** To be determined

**Area of influence:** Apurímac department and Cusco

**Maximum date to present qualification credentials:** August 2018

**Estimated award date:** 2<sup>nd</sup> Semester 2018



## JALAOCA MINING PROJECT



**Objective:** Cu-Au porphyry-skarn and Cu-Mo porphyry deposit. Mining area covering a surface area of 6400 hectares. Four important mineralized zones have been identified. The potential and size of the deposit will be defined with drilling works

**Responsible body:** Ministry of Energy and Mines

**Modality:** Asset transfer project

**Investment amount (w/o. VAT):** To be determined

**Concession term:** To be determined

**Area of influence:** Apurímac department

**Maximum date to present qualification credentials:** June 2018

**Estimated award date:** 2<sup>nd</sup> Semester 2018

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# ELECTRICITY



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## REPOWERING TO 1000 MVA OF THE CARABAYLLO - CHIMBOTE - TRUJILLO 500 KV TL AND VARIABLE REACTIVE COMPENSATOR (SVC OR SIMILAR) +400/-150 MVAR IN 500 KV TRUJILLO SUBSTATION



ELECTRICITY

**Objective:** The project consists of the design, financing, construction, operation and maintenance of a repowering of a 500 kV transmission line section in the mid north of the country and a Variable Reactive compensation equipment at the Trujillo substation. These investments will reinforce the transmission system in 500 kV of the National Interconnected Electric System (SEIN, by its Spanish initials)

**Responsible body:** Ministry of Energy and Mines

**Modality:** Self-Financed government initiative

**Investment amount (w/o VAT):** USD 90 million

**Concession term :** 30 years plus the construction period (33 months)

**Area of influence:** Lima, Ancash and La Libertad

**Estimated award date:** 2<sup>nd</sup> Semester of 2018



## LA NIÑA – PIURA 500 KV LINK, SUBSTATIONS, LINES AND ASSOCIATED EXTENSIONS



ELECTRICITY

**Objective:** The project is configured with a 500 kV transmission line that connects La Niña substation with the future Piura Nueva substation with an approximate length of 87 km. A new substation called Piura Nueva will be constructed. In order to reinforce the transmission systems in 220 kV, the new substation will be equipped with transforming equipment in 220 kV

**Responsible body:** Ministry of Energy and Mines

**Modality:** Self-financed government initiative

**Investment amount (w/o VAT):** USD 132,1 million

**Concession term :** To be determined

**Area of influence:** Piura

**Estimated award date:** 2<sup>nd</sup> Semester of 2018

## PARIÑAS - NUEVA TUMBES 220 KV LINK, SUBSTATIONS, LINES AND ASSOCIATED EXTENSIONS



**Objective:** The project envisages the construction of the following infrastructure:

- Transmission line in 220 kV Pariñas - Nueva Tumbes (158 km in single-circuit line)
- Branching of transmission line in 220 kV L-2280-Nueva Tumbes
- Nueva Tumbes substation
- Extension of a cell in Pariñas substation for the exit to the Nueva Tumbes substation

**Responsible body:** Ministry of Energy and Mines

**Modality:** Self-financed government initiative

**Investment amount (w/o VAT):** USD 47,3 million

**Concession term :** To be determined

**Area of Influence:** Tumbes

**Estimated award date:** 2<sup>nd</sup> Semester of 2018

## TINGO MARÍA – AGUAYTÍA 220 KV LINK, SUBSTATIONS, LINES AND ASSOCIATED EXTENSIONS



ELECTRICITY

**Objective:** The 220 kV transmission line Tingo María Nueva – Aguaytía (73 km) begins in the projected Tingo María Nueva substation, located in the District of Rupa-Rupa, Province of Leoncio Prado, Department of Huánuco and reaches the Aguaytía Substation, property of Aguaytía Energy, located in the District of Aguaytía, Province of Padre Abad, Department of Ucayali. These investment will reinforce the transmission system in the western area of the country

**Responsible body:** Ministry of Energy and Mines

**Modality:** Self-financed government initiative

**Investment amount (w/o VAT):** USD 20,4 million

**Concession term :** To be determined

**Area of influence:** Huánuco and Ucayali

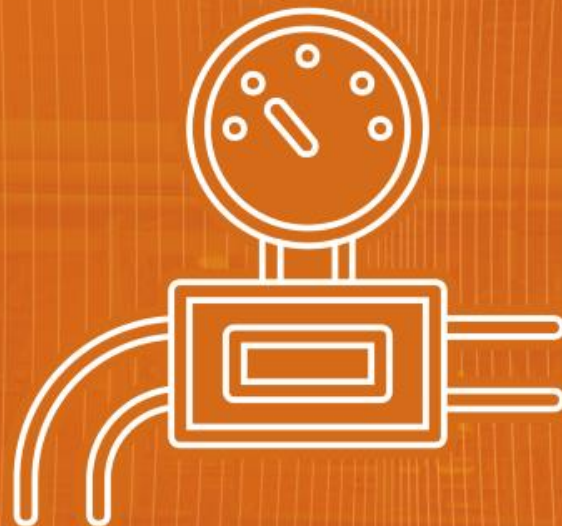
**Estimated award date:** 2<sup>nd</sup> Semester of 2018



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# HYDROCARBONS



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## MASSIVE USE OF NATURAL GAS. CENTRAL AND SOUTHERN PERU



**Objective:** To design, finance, build, operate and maintain natural gas distribution pipeline networks in seven (7) regions of Peru's Center and South, and their transfer to the Peruvian State at the end of the concession period

**Responsible body:** Ministry of Energy and Mines

**Modality:** Self-financed government initiative

**Investment amount (w/o VAT):** USD 350 million

**Concession term:** 32 years

**Area of Influence:** Ucayali, Junín, Huancavelica Ayacucho, Apurímac, Cusco and Puno

**Estimated award date:** 2<sup>nd</sup> Semester 2018



## INTEGRATED GAS TRANSPORT SYSTEM SOUTHERN AREA OF THE COUNTRY



**Objective:** The project comprises the development of a pipeline infrastructure to convey natural gas and natural gas liquids. Such infrastructure will start in Cusco (Malvinas), and then will pass through Arequipa and Moquegua regions. This project is included within the energy policy of the sector that will contribute to the development of the country

**Responsible body:** Ministry of Energy and Mines

**Modality:** Co-financed government initiative

**Investment amount (w/o VAT):** To be determined

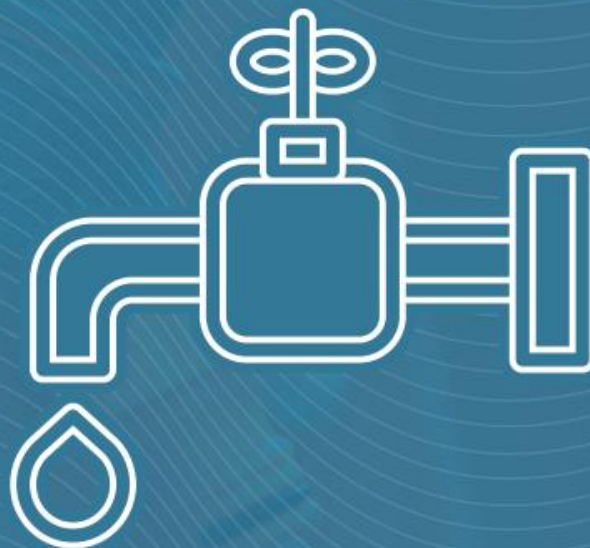
**Estimated award date:** 2<sup>nd</sup> Semester of 2020





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# WATER AND SANITATION



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## WASTEWATER TREATMENT SYSTEM. LAKE TITICACA BASIN



**Objective:** To design a solution for the treatment and final disposal of municipal wastewater in the Lake Titicaca basin, in Puno

**Responsible body:** Ministry of Housing, Construction and Sanitation

**Modality:** Co-financed unsolicited proposal

**Investment amount (w/o VAT):** USD 304 million

**Concession term:** 30 years

**Area of influence:** Puno

**Interest declaration date:** March 21<sup>st</sup> 2018

**Maximum date to present qualification credentials:** June 19th 2018



## HEADWATERS AND PIPELINE WORKS FOR LIMA'S POTABLE WATER SUPPLY



**Objective:** Design, financing, construction, operation and maintenance of the following new works:

- Expansion of Pomacocha and Huallacocha Bajo dams (approx. 90 MMC);
- Trans-Andean tunnel (10 km);
- Potable water plant Huachipa II (5 m<sup>3</sup>/s);
- Complementary reservoirs (137 000 m<sup>3</sup>)
- South Branch pipeline (40 km) including 7 reservoirs
- Interconnections lines (90km)
- O&M of the existing following works:
  - Huachipa Intake
  - Huachipa Plant (5m<sup>3</sup>/s)
  - North Branch pipeline (27 km) including 4 reservoirs

**Responsible body:** Ministry of Housing, Construction and Sanitation

**Modality:** Self-financed government initiative

**Estimated investment:** USD 600 million

**Concession term:** 30 years

**Area of influence:** Junín and Lima

**Estimated award date:** 1<sup>st</sup> Semester 2019

## PUERTO MALDONADO WASTEWATER TREATMENT PLANT



**Objective:** Financing, construction, operation and maintenance of:

- i) WWTP Chapaja of 211 L/s type RAFA + trickling filters
- ii) WWTP Rompe Olas 48 L/s type RAFA + trickling filters
- iii) Installation of 7 primary collectors
- iv) Construction of 4 pumping chambers with their corresponding supply line
- v) Effluents will be discharged into Tambopata and Madre de Dios rivers

**Responsible body:** Ministry of Housing, Construction and Sanitation

**Modality:** Co-financed government initiative

**Investment amount (w/o. VAT):** USD 20,08 million

**Concession term:** To be determined

**Area of influence:** Puerto Maldonado

**Estimated award date:** 1<sup>st</sup> Semester 2018

## WASTEWATER TREATMENT PLANT OF HUANCAYO, EL TAMBO AND CHILCA



**Objective:** to propose a new layout of 6 collectors, the construction of 4 wastewater pumping stations and a 80 700 m<sup>3</sup>/H wastewater treatment plant (WWTP) with an average flow of reused water. It will provide a proper wastewater treatment through bacterial beds, meeting the requirements set forth in the current regulations

**Responsible body:** Ministry of Housing, Construction and Sanitation

**Modality:** Co-financed Unsolicited Proposal

**Investment Amount (w/o VAT):** USD 90 million

**Term:** To be determined

**Area of influence:** Junín

**Estimated interest declaration date:** 2<sup>nd</sup> Semester of 2018

**Estimated award date:**

- a) Direct: 1<sup>st</sup> Quarter of 2019
- b) Successful bidder: 1<sup>st</sup> Quarter of 2019





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# HEALTH



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## TWO NEW HIGH COMPLEXITY HOSPITAL (ESSALUD)



**Objective:** The projects consist of the design, construction, equipment, operation and maintenance of supplementary services (grey gown) of Highly Specialized Hospitals for the Social Security System of Peru (ESSALUD); one will be located in the department of Piura and the other in Áncash

**Responsible body:** ESSALUD

**Modality:** Co-financed government initiative

**Investment Amount (w/o VAT):** USD 254 million

**Concession term:** 17 years (operation and maintenance)

**Area of influence:** Piura and Chicla

**Estimated award date:** 1<sup>st</sup> Semester 2019



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