

PERU:

INVESTMENT FRAMEWORK & PROJECT PORTFOLIO

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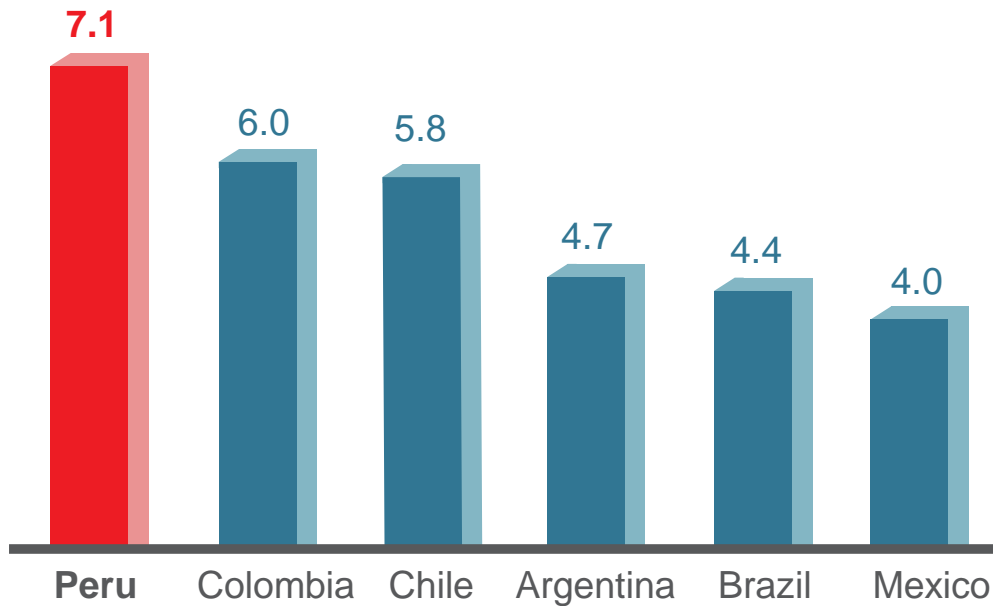
Strengths and Opportunities

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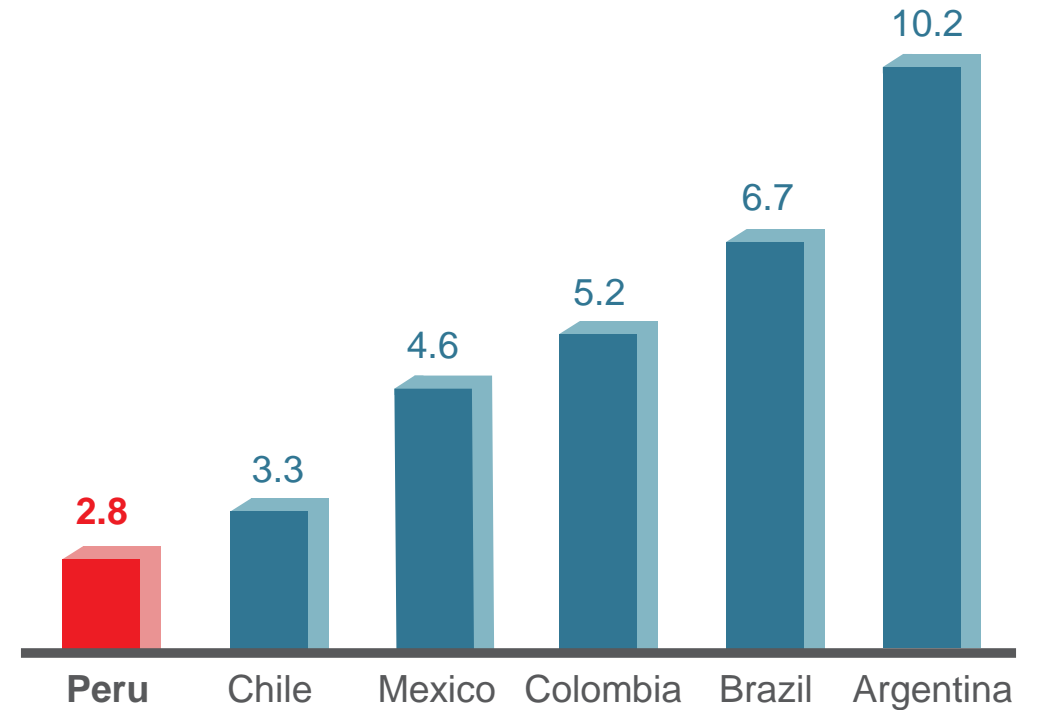
Project Portfolio

EVOLUTION OF REGIONAL ECONOMY

GDP PPP 2000-2017
(Average % variation)

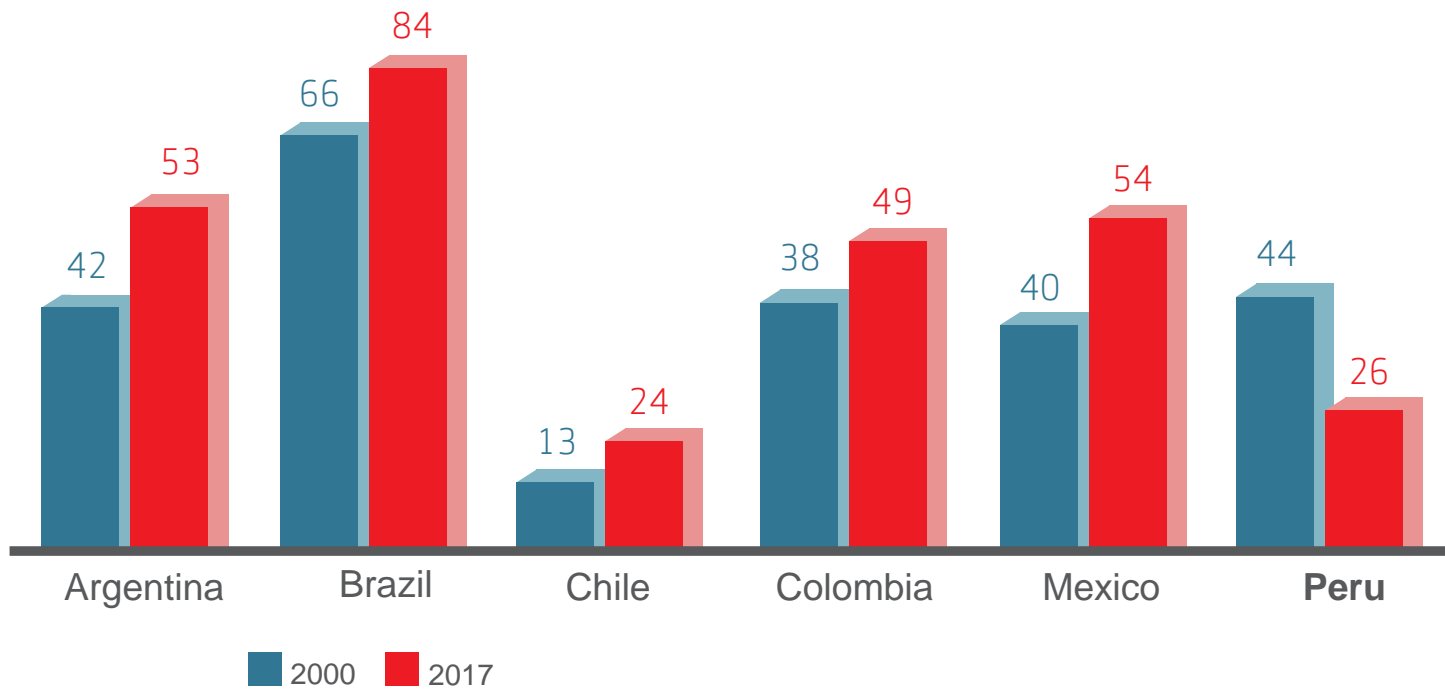


Average inflation 2000-2017
(% variation of CPI)



MACROECONOMIC SOUNDNESS







Public Debt 2000 - 2017
(% GDP)



■ 2000 ■ 2017

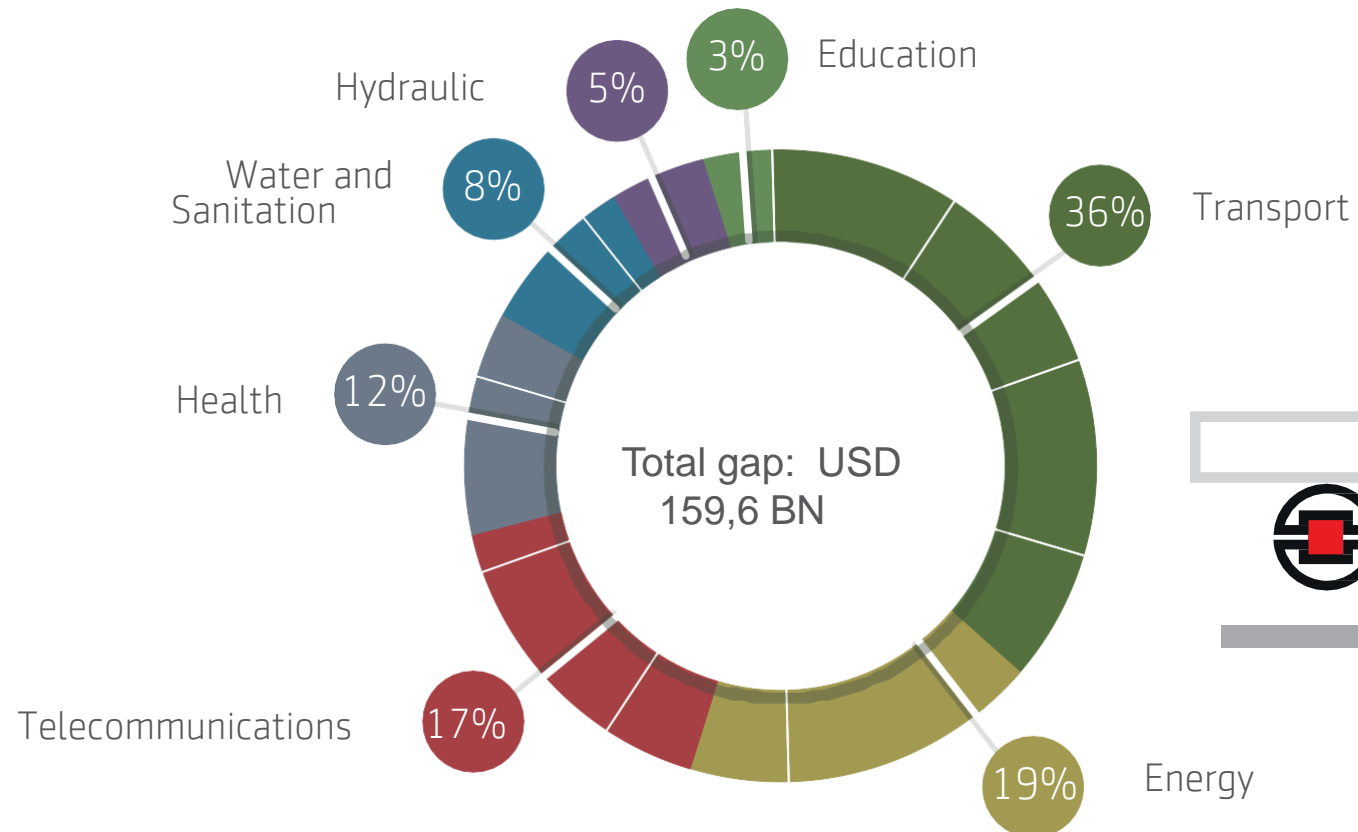
Source: IMF, Moody's Standard & Poor's and Fitch Ratings.

Country Risk

Country	Moody's	S&P	Fitch
	Aa3	A+	A
	A3	BBB+	BBB+
	A3	BBB+	BBB+
	Baa2	BBB-	BBB
	Ba2	BB-	BB-
	B2	B+	B

GAP IN INFRASTRUCTURE 2016-2025

SECTORAL GAP AS AT 2025



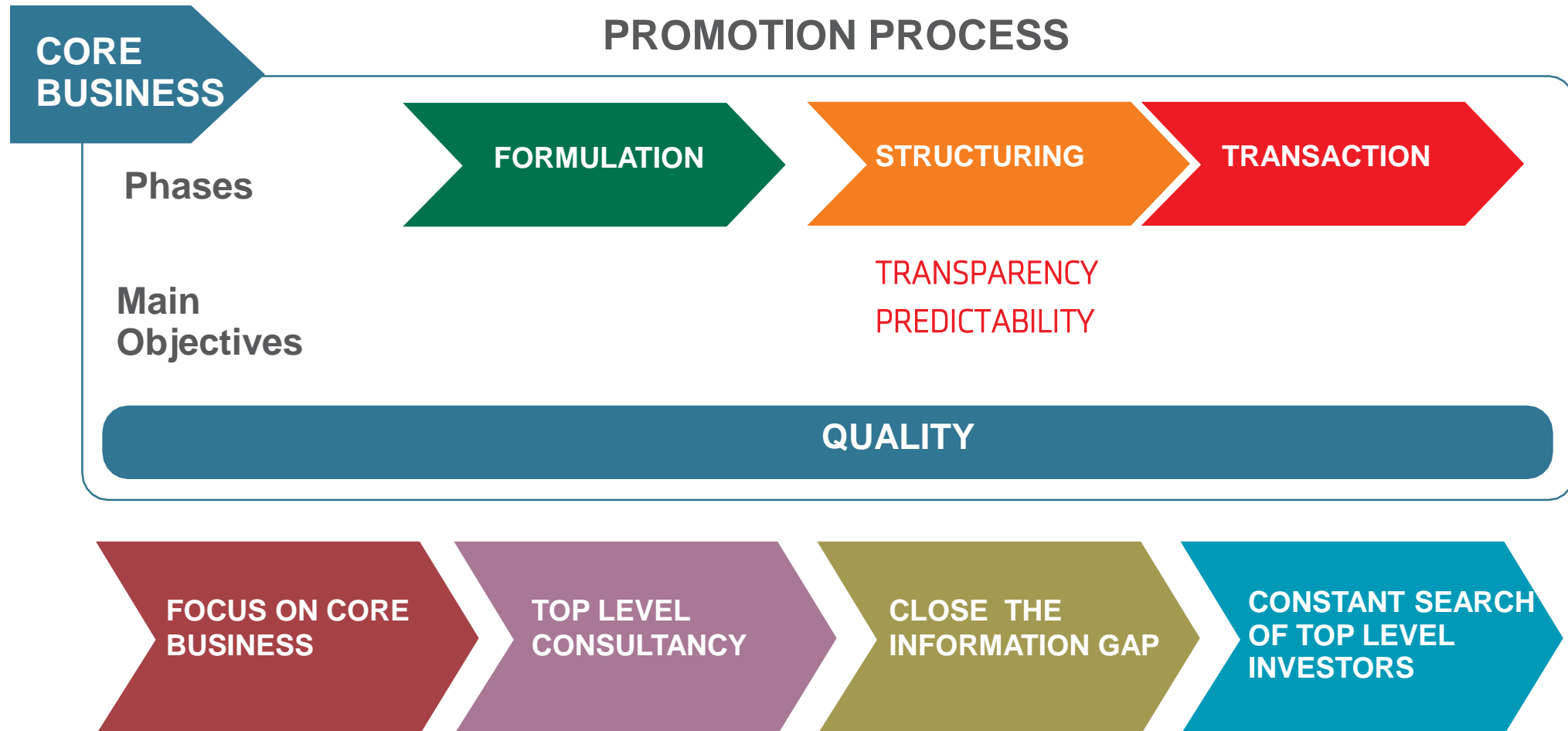
Strategic pillar:



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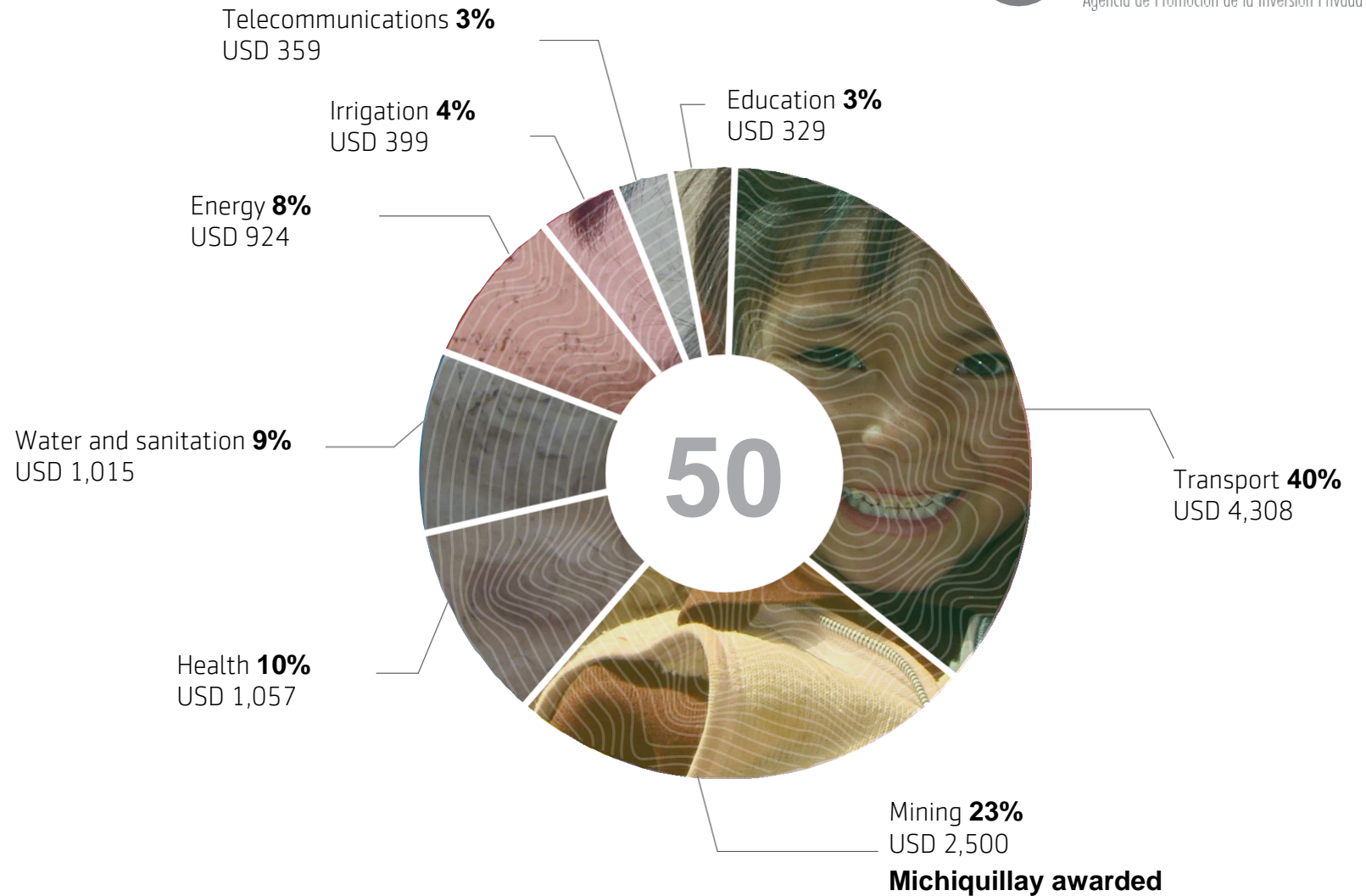
STRATEGIC PLAN: **CENTER OF EXCELLENCE**



PORTFOLIO

2018-2020

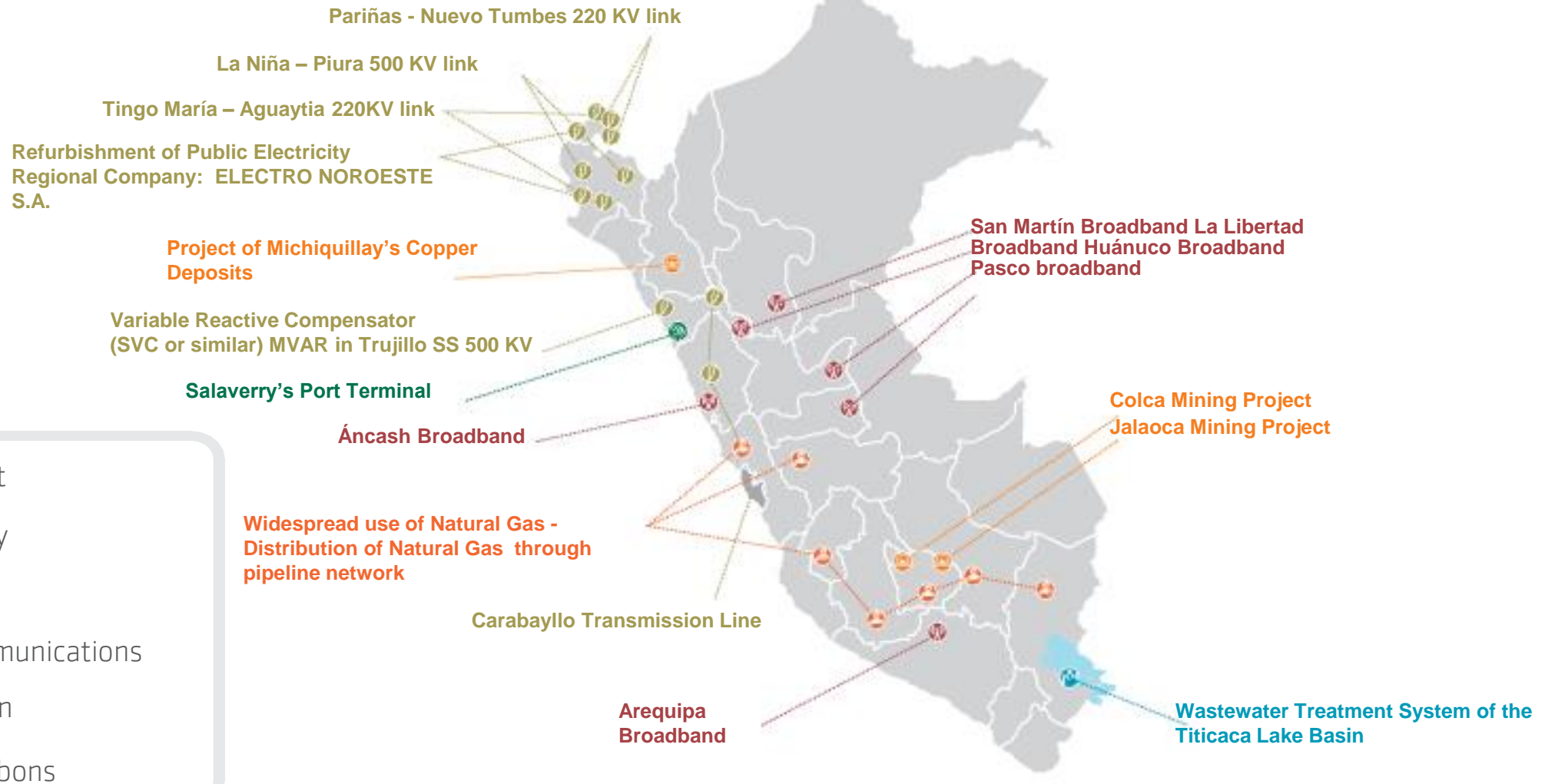
50 PROJECTS
 Estimated investment:
USD 10.8 billion*



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

CHALLENGES 2018

18 PROJECTS - USD 4,122 MM


 Transport

 Electricity

 Mining

 Telecommunications

 Sanitation

 Hydrocarbons

CHALLENGES 2018

18 PROJECTS - USD 4,122 Million

TRANSPORT

AMOUNT: USD 215 MM / NUMBER: 1

- Salaverry's Port Terminal

TELECOMMUNICATIONS

AMOUNT: USD 359 MM / NUMBER: 6

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

MINING

AMOUNT: USD 2,500 MM / NUMBER: 3

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

ENERGY

AMOUNT: USD 744 MM / 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 MM / NUMBER: 1

- Titicaca WWTP

*Amount to be determined.

CHALLENGES 2019 - 2020

32 PROJECTS - USD 6,769 Million

TRANSPORT

AMOUNT: USD 4,093 MM / NUMBER: 5

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

ENERGY

AMOUNT: USD 180 MM / NUMBER: 7

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

WATER AND SANITATION

AMOUNT: USD 711 MM / NUMBER: 3

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

HEALTH

AMOUNT: USD 1,057 MM / NUMBER: 9

- ESSALUD Chimbote
- ESSALUD Piura
- Other projects

EDUCATION

AMOUNT: USD 329 MM / NUMBER: 7

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

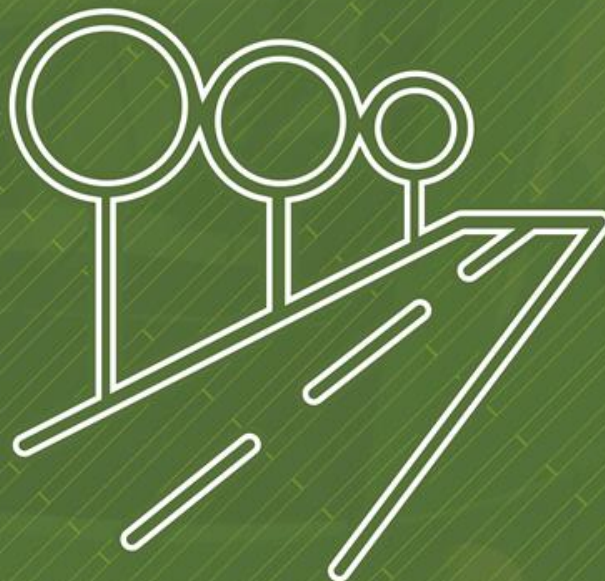
IRRIGATION

AMOUNT: USD 399 MM / NUMBER: 1

- Water Reinforcement of Ica

INVEST IN PERU

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 Andean 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: 1st Quarter 2019

HUANCAYO – HUANCAVELICA RAILWAY



Objective: Integral rehabilitation of the Huancayo-Huancavelica railroad
Consists in 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^{er} 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

Term: 30 years

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

Estimated award date: 1st 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

Term: 25 years

Area of Influence: Tumbes and Piura

Estimated interest declaration date: 2019

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TELECOMUNICATION



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6 PROJECTS: BROAD BAND FOR THE COMPREHENSIVE CONNECTIVITY AND SOCIAL DEVELOPMENT IN ÁNCASH, AREQUIPA, HUÁNUCO, LA LIBERTAD, PASCO AND SAN MARTÍN



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: 2nd Semester 2018

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MINING



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COLCA MINING PROJECT



Objective: Developing 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: 2nd 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

Estimated award date: 2nd Semester 2018

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ENERGY



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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



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

Term: 30 years plus the construction period (33 months)

Area of influence: Lima, Ancash and La Libertad

Estimated award date: 2nd Semester of 2018

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



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

Term: To be determined

Area of influence: Piura

Estimated award date: 2nd 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

Term: To be determined

Area of Influence: Tumbes

Estimated award date: 2nd Semester of 2018

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



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

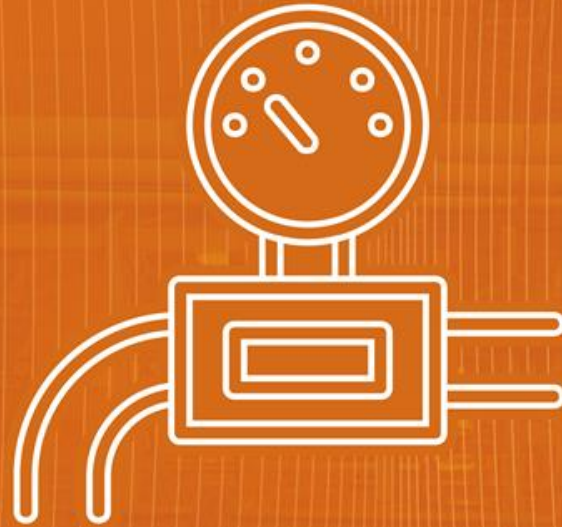
Term: To be determined

Area of influence: Huánuco and Ucayali

Estimated award date: 2nd Semester of 2018

INVEST IN PERU

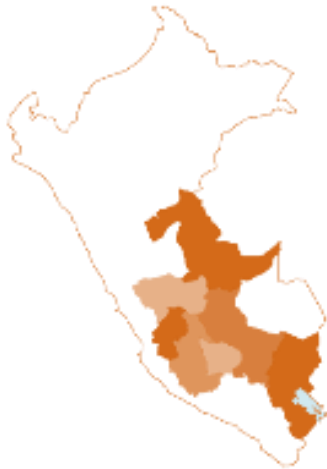
HYDROCARBONS



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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 (exc. VAT): USD 350 million

Concession term: 32 years

Influence area: Ucayali, Junín, Huancavelica Ayacucho, Apurímac, Cusco and Puno

Estimated award date: 2nd 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

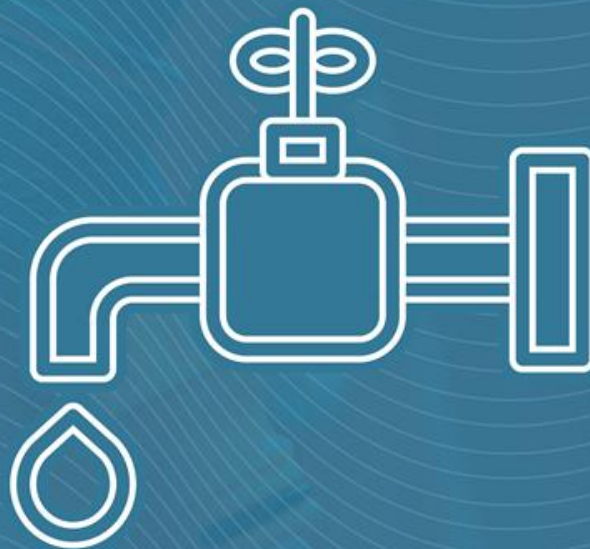
Investment amount (w/o VAT): To be determined

Estimated award date: 2nd Semester of 2020



INVEST IN PERU

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 21st 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
- Expansion of Pomacocha and Huallacocha Bajo dams (approx. 100 MMC);
 - Pomacocha - Río Blanco diversion works (approx. 10 km trans-Andean tunnel);
 - Potable water plant (5 m³/s);
 - South Branch pipeline, approx. 25.6 km;
 - O&M of PTAP Huachipa I (Potable Water Treatment Plant); and
 - O&M of North Branch.

Responsible body: Ministry of Housing, Construction and Sanitation

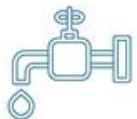
Modality: Self-financed government initiative

Estimated investment: USD 600 million

Concession term: 30 years

Area of influence: Junín and Lima

Estimated award date: 1st Semester 2019



PUERTO MALDONADO WASTEWATER TREATMENT PLANT



Objective: To design, finance, build, operate and maintain piping, treatment and disposal of wastewater system in the city:

- i) WWTP Chapaja of 211 L/s type RAFA + trickling filters
- ii) WWTP brakewater 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: 1st 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 m³/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: 2nd Semester of 2018

Estimated award date:

a) Direct: 1st Quarter of 2019

b) Successful bidder: 1st 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 (exc. VAT): USD 254 million

Concession term: 17 years (operation and maintenance)

Area of influence: Piura and Chimbote

Estimated award date: 1st Semester 2019



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Agencia de Promoción de la Inversión Privada - Perú

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