





# **AGENDA**

- 1. Company overview
- 2. Market overview
- 3. Operations in Chile & Peru
- 4. Growth opportunities



COMPANY OVERVIEW





## Company overview

## Leading position in Chile & Peru

### THE COMPANY



**Installed Capacity** 

3,852 MW





Market Share<sup>1</sup>







Ownership

- **49.96**% Matte Group
- 9.58% Angelini Group
- 19.44% Pension Founds
- **21.02**% Others



Power-Plants







**Transmission Lines** 

~900 km

### **KEY FINANCIALS**



**Total Assets** 

US\$**6.8** bn



EBITDA LTM

US\$ **594** mm





Rating

**BBB** 

Fitch

**BBB** S&P



Cash

US\$ 681 mm



Net Debt / EBITDA

1.7<sub>x</sub>



# Company Overview Well diversified generation assets

#### COLBUN'S PRESENCE IN CHILE & PERU.

3,852 MW Inst. Capacity

Hydro: 1,597 MW

4 Reservoir: 1,065 MW

12 Run-of-the-river: 532 MW

Thermal: 1,685 MW

3 CCGT: 1,337 MW

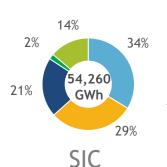
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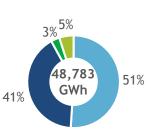
4 Diesel: 568 MW

1 Coal: 350 MW

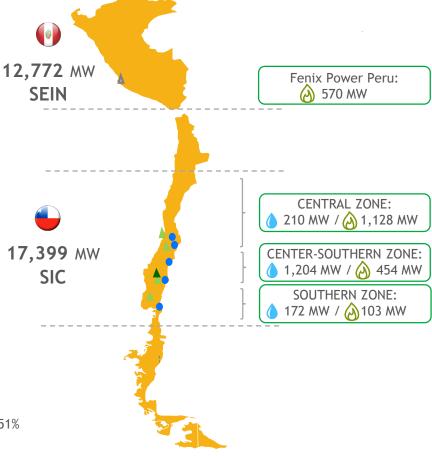
#### **GENERATION MATRIX LTM. (%)**







**SEIN** 



Sources: Coordinador Eléctrico Nacional SIC (Chile) & COES (Peru) Note: All figures as of Jun17



# Company overview

## Fenix Power: Most efficient CCGT in Peru <sup>1</sup>

1 KEY OPERATING HIGHLIGHTS.



#### most efficient CCGT in Peru

Based on fuel consumption



#### 40 miles south of Lima

Largest City and Capital of Peru



#### 570 MW

Gross Effective Capacity<sup>(1)</sup>



#### 3.5 TWh

Net Annual Generation



#### 3 TWh / Year

Long-term Contracts (80% Capacity)



#### 2 GE Gas Turbines

192 MW Each



#### 192 MW Steam Turbine

With Chillers and Cooling Water System



#### 500 kv Transmission Line

Reducing Congestions Issues



#### 1st Gas-fired Plant in Dispatch Order

Following hydro generators on a consistent basis

2

# **LARGEST GENERATION PLANTS IN PERU** - Effective Capacity MW



#### 80%

Contracted capacity though 2023

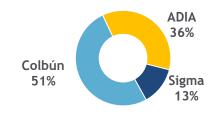
#### 6.9 years

PPAs average life / Strong AAA Locally-rated off takers

#### **NG Supply**

Sufficient for 100% of the generation for the next 6 years

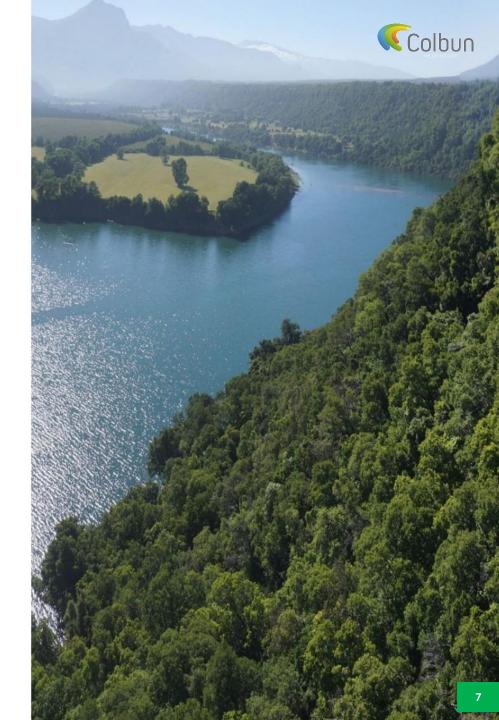
3 OWNERSHIP. (%)





2.

MARKET OVERVIEW





### Market overview

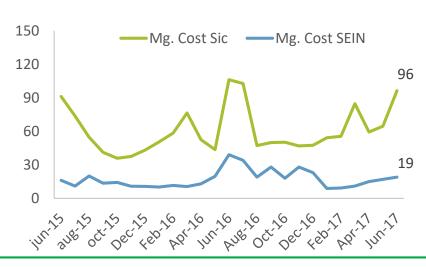
# Marginal costs & demand in Chile and Peru

1 DEMAND GROWTH. (12 month average %)

12% 10% 8% 6% 4%

jun-15 sep-15 Dec-15Mar-16 Jun-16 Sep-16 Dec-16Mar-17 Jun-17

2 MARGINAL COST IN SIC & SEIN. (US\$ / MWh)





2%

0%

 Marginal costs in the SIC have fallen in the last years, mainly due to the entrance of NCRE, the drop in commodity prices and to the sluggish demand.

0.9%

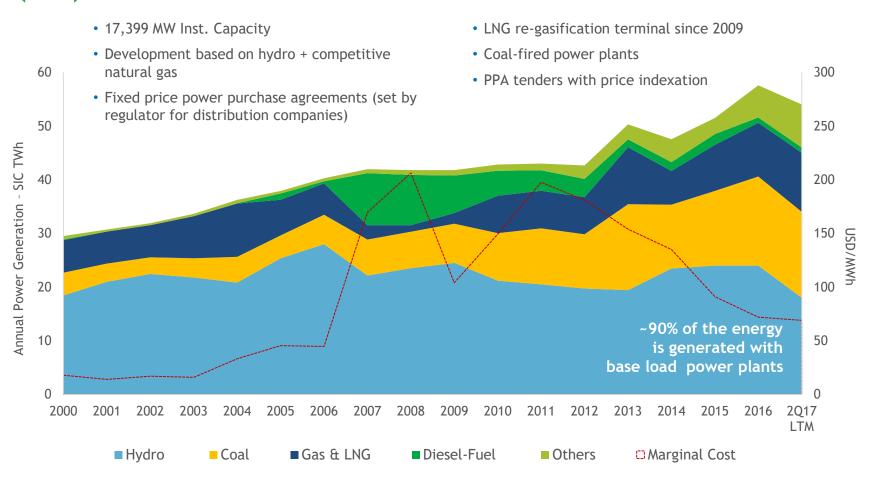


- Marginal costs in Peru are lower than in Chile, mainly due to the low cost of natural gas.
- However, marginal costs have been particularly low over the past years because of an oversupply due to the entrance into operation of relevant hydro projects.





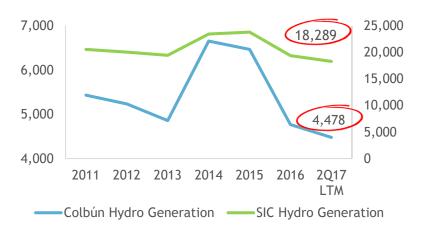
# Generation and price development in Chile's central grid (SIC)



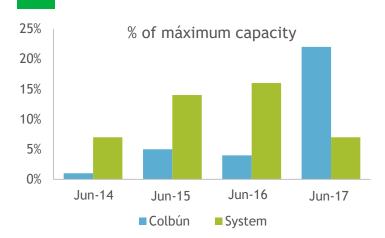


# Market overview Main reservoirs condition

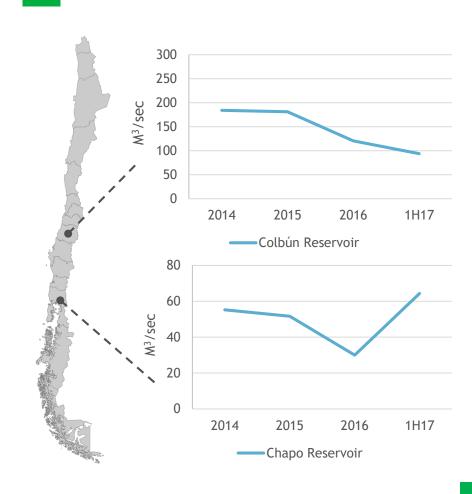
### 1 HYDRO GENERATION. (GWh)



### 2 STORED ENERGY. (%)



## 3 WATER FLOWS. (m³/sec)

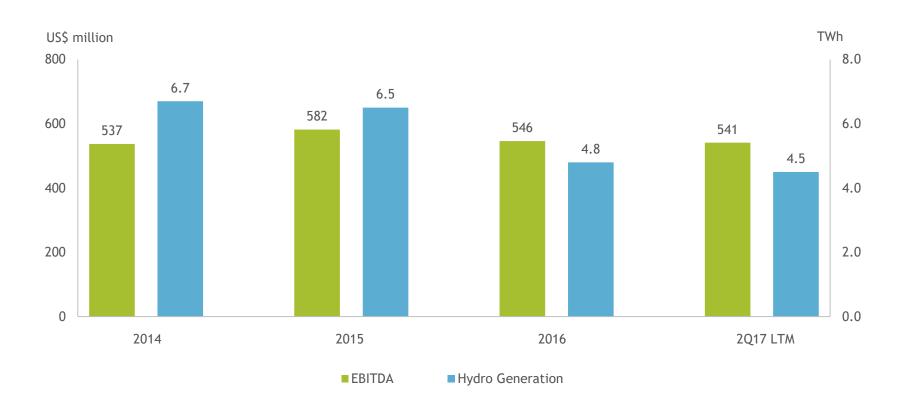




## Company Overview

# Stable EBITDA<sup>1</sup> despite sevear hydrological conditions

COLBUN'S EBITDA VS. HYDRO GENERATION. (US\$ million & TWh)





## Market overview

# Decreasing prices in the last regulated auctions in Chile



Year	2013	2014	2015	2016	
Energy (TWh)	4.7	12.0	1.2	12.5	
Avg. Awarded Price (US\$/MWh)	126	108	79	48	
Supply starting	2016/2019	2016/2019	2023	2023	
Duration (years)	15	15	20	20	



### Market Overview

# Relevant regulatory changes in Chile

## 1 TRANSMISSION AND COORDINATOR LAW.



- Enacted in July, 2016.
- Pricing and remuneration mechanisms were modified.
- The former coordinators, Centers of Economic Dispatch (CDEC) were replaced by a single National Electric Coordinator, with a new structure and functions.
- New attributions were given to the CNE and the functions of the Experts Panel were reduced.

## 2 WATER CODE.

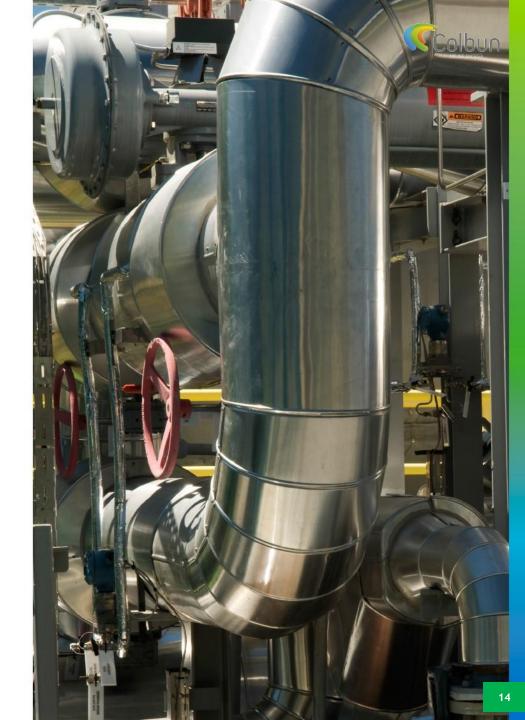


- Under discussion.
- Water rights extinction if they are not used.
- Setting of a retroactive ecological flow for already granted water rights.



3.

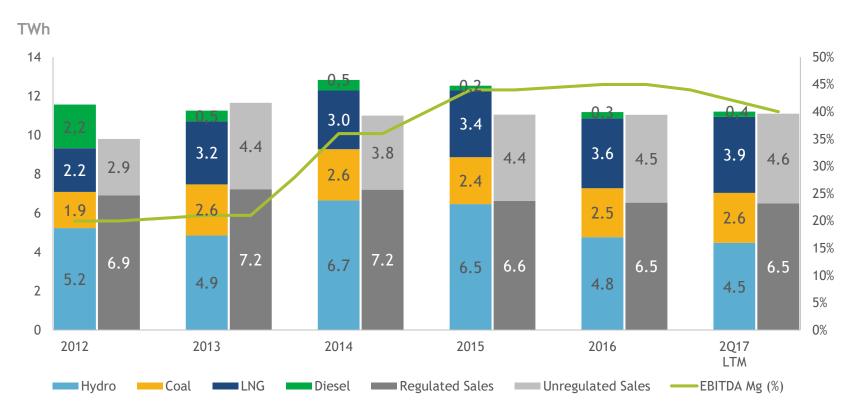
OPERATIONS IN CHILE & PERU





# Operations in Chile & Peru Balanced commercial position in Chile

#### CONTRACTUAL COMMITTMENTS VS GENERATION. (TWh)

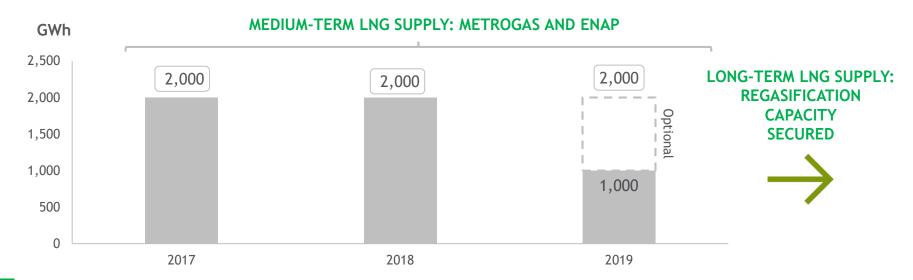




# Operations in Chile & Peru

# Ensured long-term regasification capacity and LNG supply

Long-term strategy: leveraging our efficient natural gas power facilities and diversifying our supply sources; contributing to provide competitive, flexible, secure and sustainable power supply

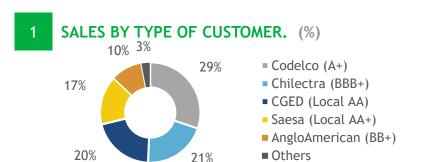


### Long-term regasification capacity and supply contract with ENAP:

- On May, 2017, Colbún and Enap entered into a contract for the supply of natural gas with regasification capacity from LNG.
- Effective as of January 1, 2018, for a period of 13 years.
- GNL supply with Enap and international providers.
- Capacity for up to two combined cycle units per year.

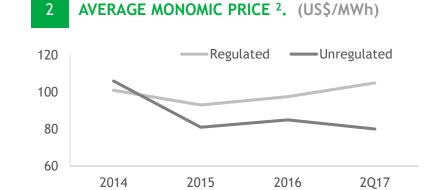


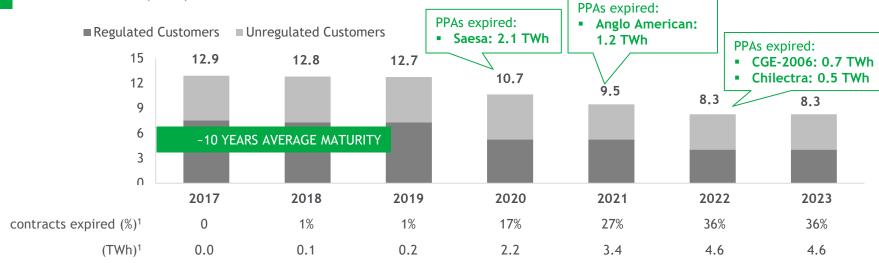
# Commercial Strategy High quality clients In Chile



PPAs IN CHILE. (TWh)

 Long-term energy supply contracts with creditworthy counterparties.





Note: All figures as of Jun17

3

<sup>&</sup>lt;sup>1</sup> Cumulative, base 2017.

<sup>&</sup>lt;sup>2</sup> Average monomic prices are calculated by dividing the total amount of sales in US\$, by physical energy sales in MWh



# Commercial Strategy

# PPAs renewal opportunities in Chile

1 UPCOMING REGULATED AUCTIONS 1.



### 2 UNREGULATED CLIENTS.

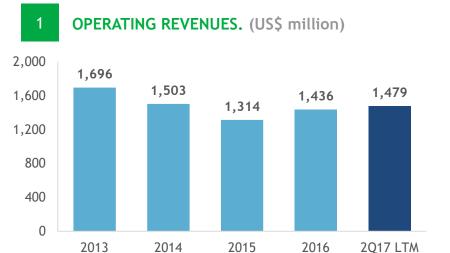
- In the coming years there is a relevant amount of energy for large unregulated clients to be re-contracted.
- Colbun is currently participating in auctions with unregulated customers (mining and industrials).
- Opportunities in medium-size clients: In the last months, Colbun has signed new contracts with medium-size clients for a total of ~800 GWh/year and average tenor of ~ 6 years. The prices and volumes offered reflect the current market conditions and the cost structure of the Company.

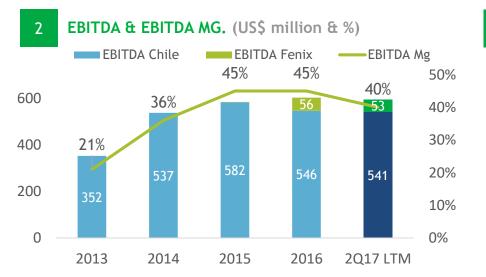
<sup>&</sup>lt;sup>1</sup>Latest available information.

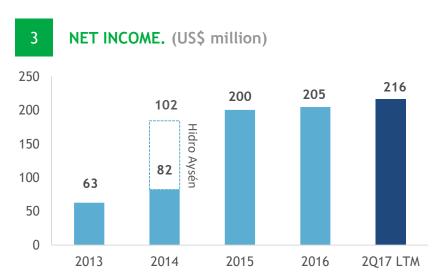


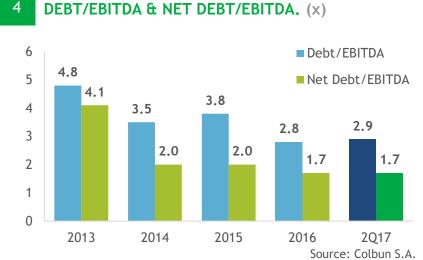
## Financial Review

## Consolidated financial results











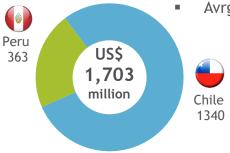
## Financial Review

## **Consolidated Debt Profile**

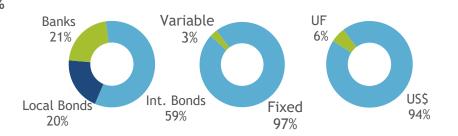
1 FINANCIAL DEBT.

• Avrg. Maturity: **4.6** years

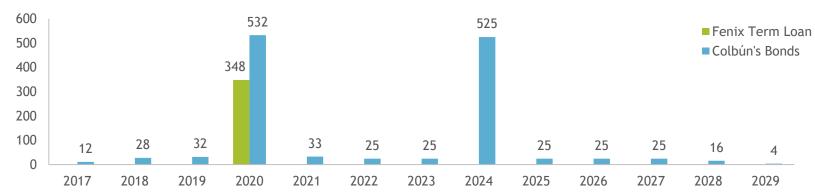
Avrg. US\$ Interest Rate: 4.95%



2 DEBT PROFILE.



3 AMORTIZATION STRUCTURE. (US\$ million)



Note: All figures as of Jun17 Source: Colbún S.A.



4.
GROWTH

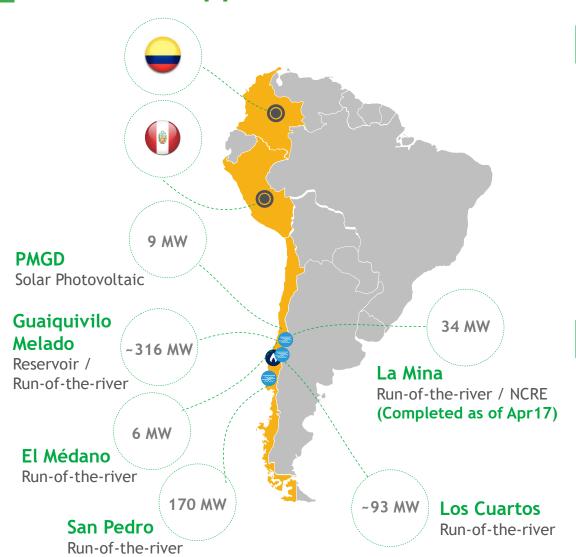
GROWTH OPPORTUNITIES





# Growth opportunities

# Growth opportunities in Chile & the Region



### 1 SPECIAL FOCUS IN PERU AND COLOMBIA.

- Growing electricity consumption
- Well established regulatory framework
- Diversification:
  - Hydrological conditions
  - Generation technology
  - Fuel access
  - Regulation

# GROWTH OPPORTUNITIES IN CHILE: BASE LOAD CAPACITY AND RENEWABLES.

- Hydro projects
- NCRE under study



## Concluding remarks

- Size: Second-largest generation company in Chile's largest electricity grid and a relevant presence in Peru.
- 2 Customers: Diversified, solid and creditworthy portfolio of clients.
- High standards of environmental and social management: Complete integration with all of our Stakeholders.
- Shareholders: Strong, reliable controlling group with a strategic and longterm vision of the business.
- Management: Experienced management and high standards of corporate governance.
- Financial flexibility: Strong metrics, conservative financial strategy and ample access to financial markets.



## Disclaimer And contact information

- This document provides information about Colbún S.A. In no case this document constitutes a comprehensive analysis of the financial, production and sales situation of the company.
- To evaluate whether to purchase or sell securities of the company, the investor must conduct its own independent analysis.
- This presentation may contain forward-looking statements concerning Colbún's future performance and should be considered as good faith estimates by Colbún S.A.
- In compliance with the applicable rules, Colbún S.A. publishes on its Web Site (www.colbun.cl) and sends the financial statements of the Company and its corresponding notes to the Superintendencia de Valores y Seguros, those documents should be read as a complement to this presentation.

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