

# **WHO WE ARE**



With 100 years of history in the Chilean market, Enaex S.A. is

# THE MAIN AMMONIUM NITRATE PRODUCER

and supplier of comprehensive rock fragmentation services for the mining industry in Latin America

Enaex has a **global presence**, a solid **financial position**, low **debt levels** and is controlled by **Sigdo Koppers Group**.



#### **ENAEX AT A GLANCE**

#### **Core Business**







Source: The Company, CMF.

### **ENAEX AT A GLANCE**



#### **Board Directors September 2021**



**Errázuriz Ossa** 

President



Juan Eduardo Sergio Undurraga Saavedra Vice President



Juan Pablo **Aboitiz** Director



María Cristina Bitar

Director



**Claudia Cooper** Fort Director



Alejandro Gil Gomez Director



Norman Hansen Patricio Leighton Fernández Director

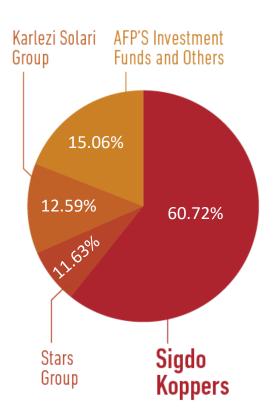


Zambeli Director



**Alberto Salas** Muñoz Director

### **Ownership Structure**







### **Growth History**

In the last decade





Prillex new capacity increase.
Total Ammonium Nitrate
capacity: 850kton/year



Enaex starts operating at **Peruvian Market**.



Enaex becomes part of the **Dow Jones Sustainability**Index of Chile.



Enaex acquires **70% of Cachimayo**.



Enaex becomes controlling partner of the bussiness developed with Sasol Limited.





















Enaex acquires one third of



Enaex acquires 100% of Britanite



Enaex acquires
91% of Davey Bickford







Enaex marks a world historical milestone with its first 100% teleoperated onsite blast operation.



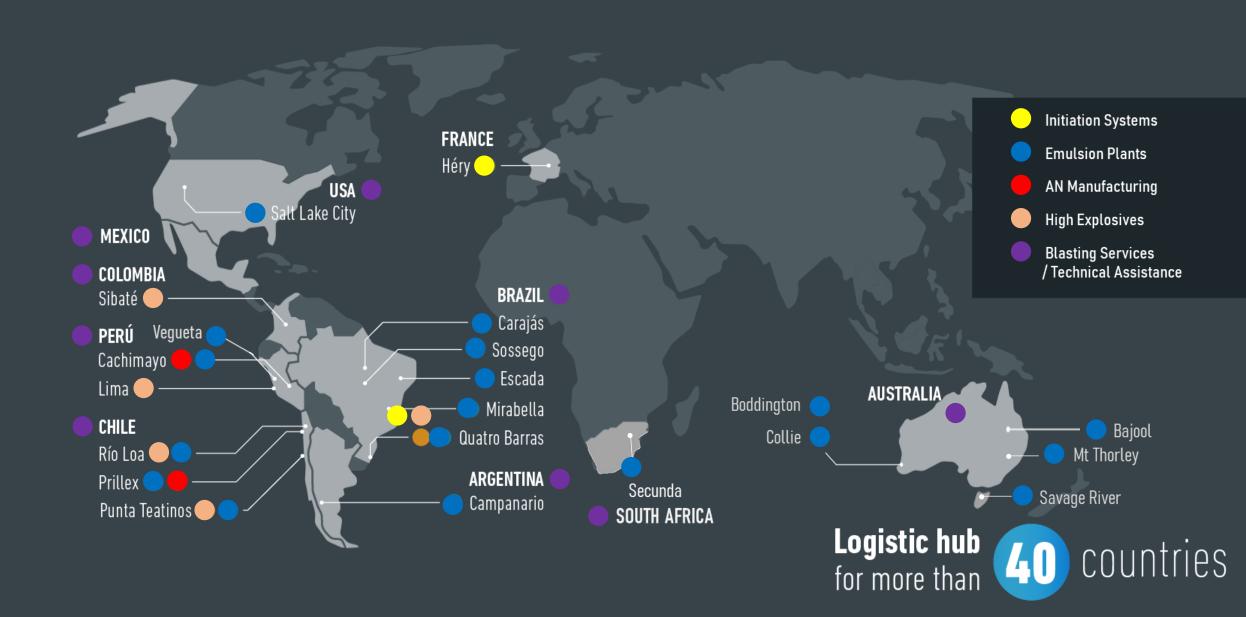
Enaex acquires 100% of **Downer Blasting Services**.





#### **Enaex Worldwide Footprint**







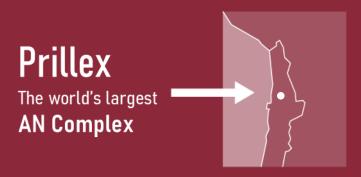


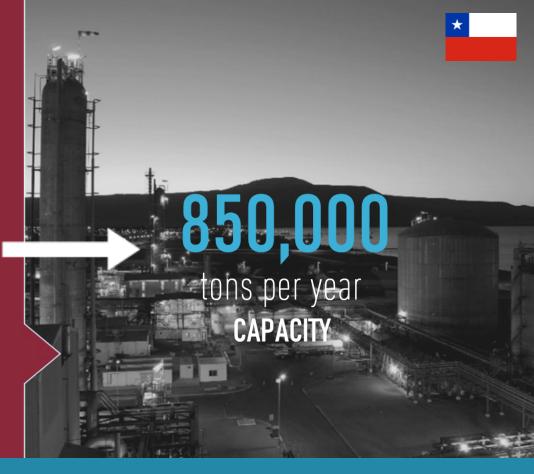
# **ENAEX CHEMICALS** (CHILE)

Annual sales level of around

**250 MM USD** 

More than **300 employees** 





#### Ammonium Nitrate Process Chain at Prillex America Plant



#### **IMPORT Raw Materials**

Ammonia is imported in its liquid state by ships.





### AMMONIA STORAGE and managing supplies

Once the shipment arrives at Enaex port, the ammonia is stored in tanks at Prillex complex.



#### **NITRIC ACID Production**

Production takes place at PANNA (Nitric Acid & Ammonium Nitrate plant).
Nitric Acid is made by combining
Ammonia with Oxygen (0<sub>2</sub>).



#### **AMMONIUM NITRATE Production**

The ammonia is now combined with Nitric Acid obtaining liquid Ammonium Nitrate (ANsol)



#### **AMMONIUM NITRATE Exports**

Ammonium Nitrate is exported to different countries as a raw material for the manufacture of explosives



#### **BLASTING Services**

Enaex provides a comprehensive blasting service to our main clients

# ENAEX SERVICES (CHILE)

Annual sales level of around **370 MM USD** 

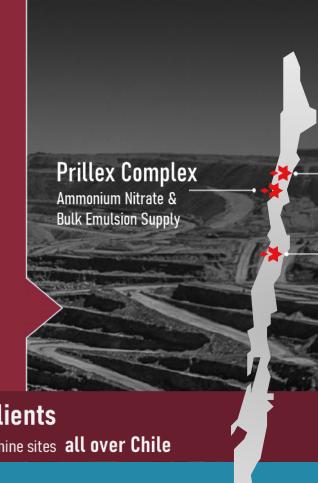
More than

1.500 employees

Over 100 years of experience

in the explosives industry

Leader in Blasting
Services
in Chile



Non-Electric Detonators

Rio Loa Plant

**Punta Teatinos Plant** 

**Bulk Emulsion Supply** 

High Explosives Supply

### Significant portfolio of clients

and an extensive network of service plants located at mine sites all over Chile

#### **Local Explosives Production**



- Dynamites
- Boosters

- Cartridge Emulsions
- Bulk Emulsions

# ENAEX BRAZIL (IBQ)

Annual sales level of around 120 MM USD

More than

1.200 employees

Head Office in

Curitiba, Paraná

+ presence in 22 states of Brazil

Over 50 years of experience in the explosive industry

Relevant market share

in the Brazilian explosive market

**Leader** in the civil explosive and blasting service market in Brazil



# DAVEY BICKFORD ENAEX (FRANCE)

Annual sales level of around 130 MM USD

More than **600 employees** 

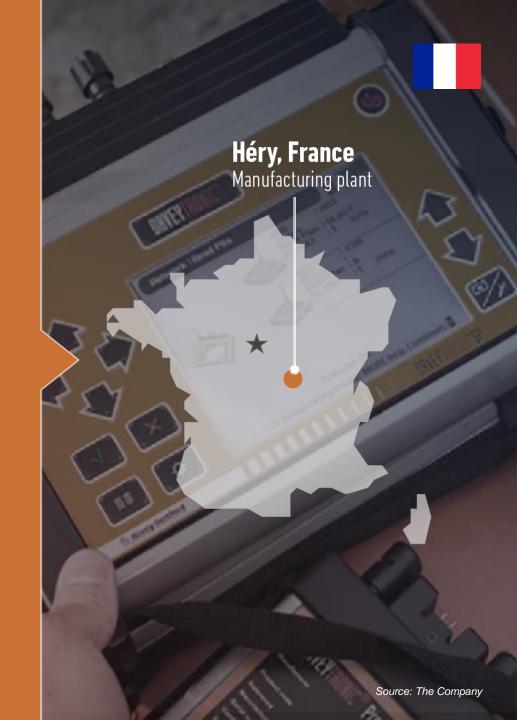
Worldwide presence Europe, Africa, Australia, Latin America & USA.



International leader in Electronic Initiation Systems.

Almost **200 years of experience** 

Main Products
Initiation Systems,
Electronic detonators,
Electric detonators,
Non-Electronic detonators
& Detonating cords.



## **ENAEX AFRICA** (SOUTH AFRICA)

Annual sales level of around **230 million USD** 

More than

1.000 employees

Subsidiaries in Namibia, Lesotho and Zambia

Market leader in the Underground business

Long term contract
Supply Agreement
with Sasol Limited for AN at a
competitive price



# ENAEX AUSTRALIA (DOWNER BLASTING SERVICES)

Annual sales level of around 110 MM USD

More than **120 employees** 

Over 20 years of experience in the explosive industry

More than

14 Commercial Contracts

### **5 Emulsion Plants**

with a total of 140k ton Production Capacity





## **OTHER ENEAEX SUBSIDIARIES**

	# Employees	Production
Peru	+250	Bulk Emulsion & AN
Argentina	+200	Bulk Emulsion & ANFO
USA	20	Bulk Emulsion
Mexico	30	-
Colombia	70	-

**Emulsion Plants**with stratagic leasting

with strategic locations to supply mining clients

Important **Growth Opportunities**In Blasting Services





### **ENAEX MAJOR CLIENTS**









# New **Developments**



### Mine iTruck

- Teleoperated driving
- Assisted driving
- Teleoperated manufacturing
- ► Fleet control system



- Manual skill for priming and tying
- Teleoperated operation
- Laser mapping survey
- Evaluation of air quality
- 3D visión
- Energy Autonomy





### **SUSTAINABILITY**



# ENVIRONMENTAL

We are committed to respect and care about our planet

CDM Projects

reduce 90%

of total GHG emissions

255 255

60%

of Energy Efficiency
(Prillex)



Commitment to

recycling

in Mejillones (Prillex)



OEI has been

reduced 93%

since 1982



0.4

(tCO2e/tNA)

2017

0.3

(tCO2e/tNA)

(tCO2e/ tNA)

0

2020 2030

# ്റ് Sustainability

The way we create value for all

We are passionate about contributing to the future of the industry

#### MEMBER OF

# **Dow Jones** Sustainability Indices

In Collaboration with RobecoSAM (





Most

Innovative CEO

phibrand



Spontaneous Acknowledgment as National **Leading Supplier** of the Mining Industry

phibrand

# **iUAI**

**Technological** Innovation in the Mining Industry

# phibrand

Spontaneous Acknowledgment as National **Leading Supplier** of the Mining Industry

#### **Sustainability Yearbook** Member 2021 S&P Global

Member of the Sustainability Yearbook 2021

2014

2015

**Best Blasting** 

**Supplier in Mining** 

2016

**Leading Company** 

2016

2017

2018

2019

2020

2021

Most Innovative Company in the Mining Industry



Most Innovative Company in the Mining Industry



Leadership on **Climate Change** 



Most Innovative Company in the Mining Industry



Most Innovative Company in the Mining Industry



Most Innovative Company in the Mining Industry

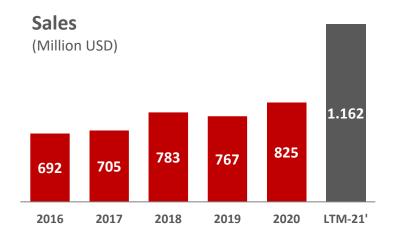


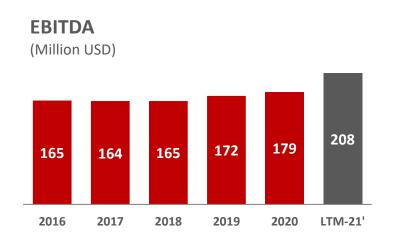


### **CASH FLOW STABILITY**

#### and Solid Financial Performance



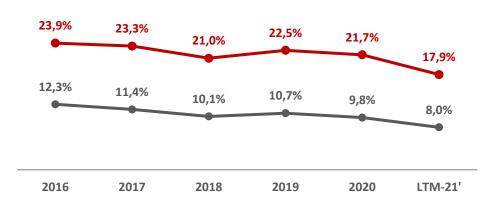






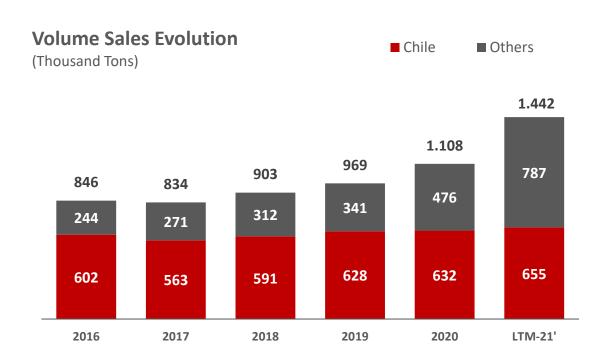
NH3 of Costs 60%



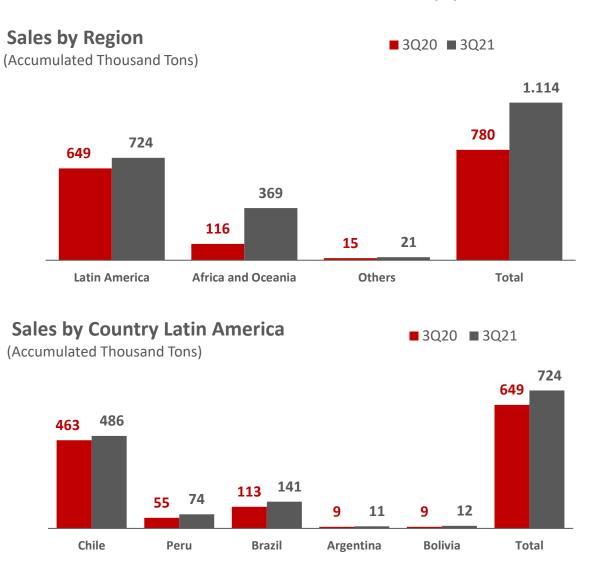


### SALES EVOLUTION

Includes AN, Emulsion and High Explosives







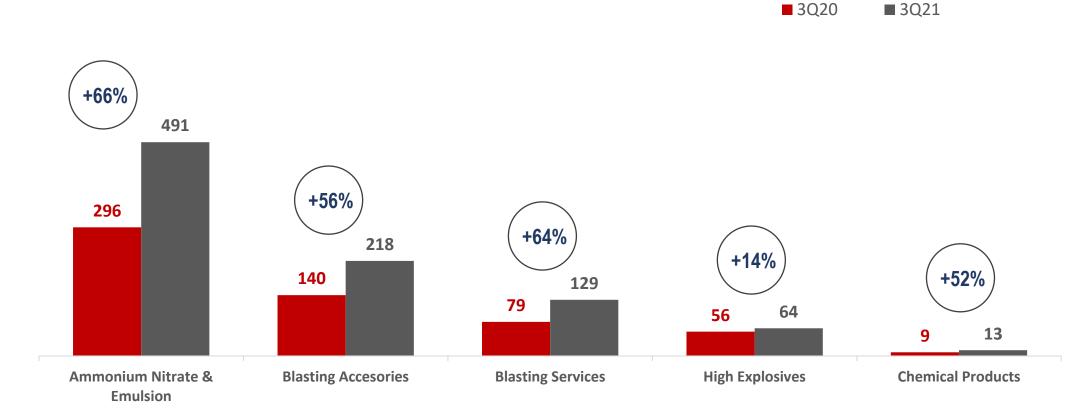
Source: The Company, CMF.

## **CUMULATIVE SALES**



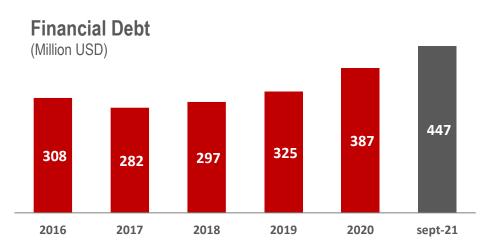
#### **Revenue by Business Division**

(Millions USD)

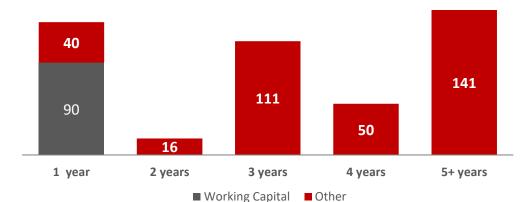


### **DEBT STRUCTURE**

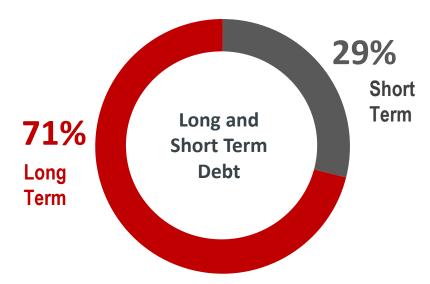




**Maturity Profile as September 2021** (Million USD)

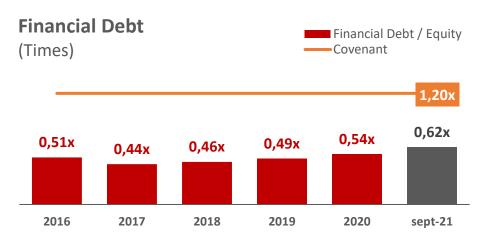






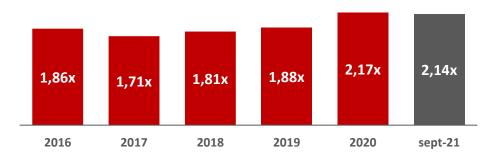
### STRONG FINANCIAL RATIOS



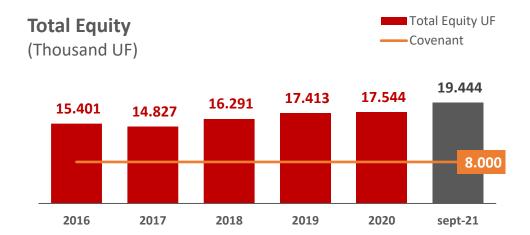


Financial Debt includes hedging instruments

# Financial Debt / EBITDA (Times)



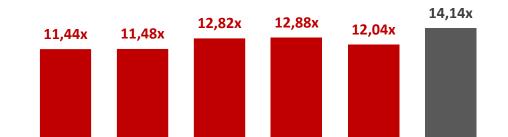
Financial Debt includes hedging instruments



## Financial Expense Coverage (Times)

2017

2016



2019

2020

2018

Source: The Company, CMF.

sept-21

### **CONSERVATIVE FINANCIAL PROFILE**



Over the years Enaex has maintained

Solid credit profile and a good liquidity position.

Solid **debt structure** and a healthy **financial history**.

Stable **cash flow generation** in order to meet future debt obligations.

#### **Risk Rating on Local Market**



AA (stable)

(December 2020)

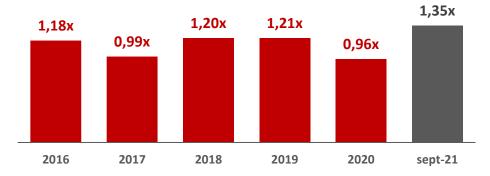


AA (stable)

(July 2021)

#### **Net Financial Debt / EBITDA**

(Times)



Net Financial Debt includes hedging instruments and Cash

#### **Liabilites / Equity**

(Times)

