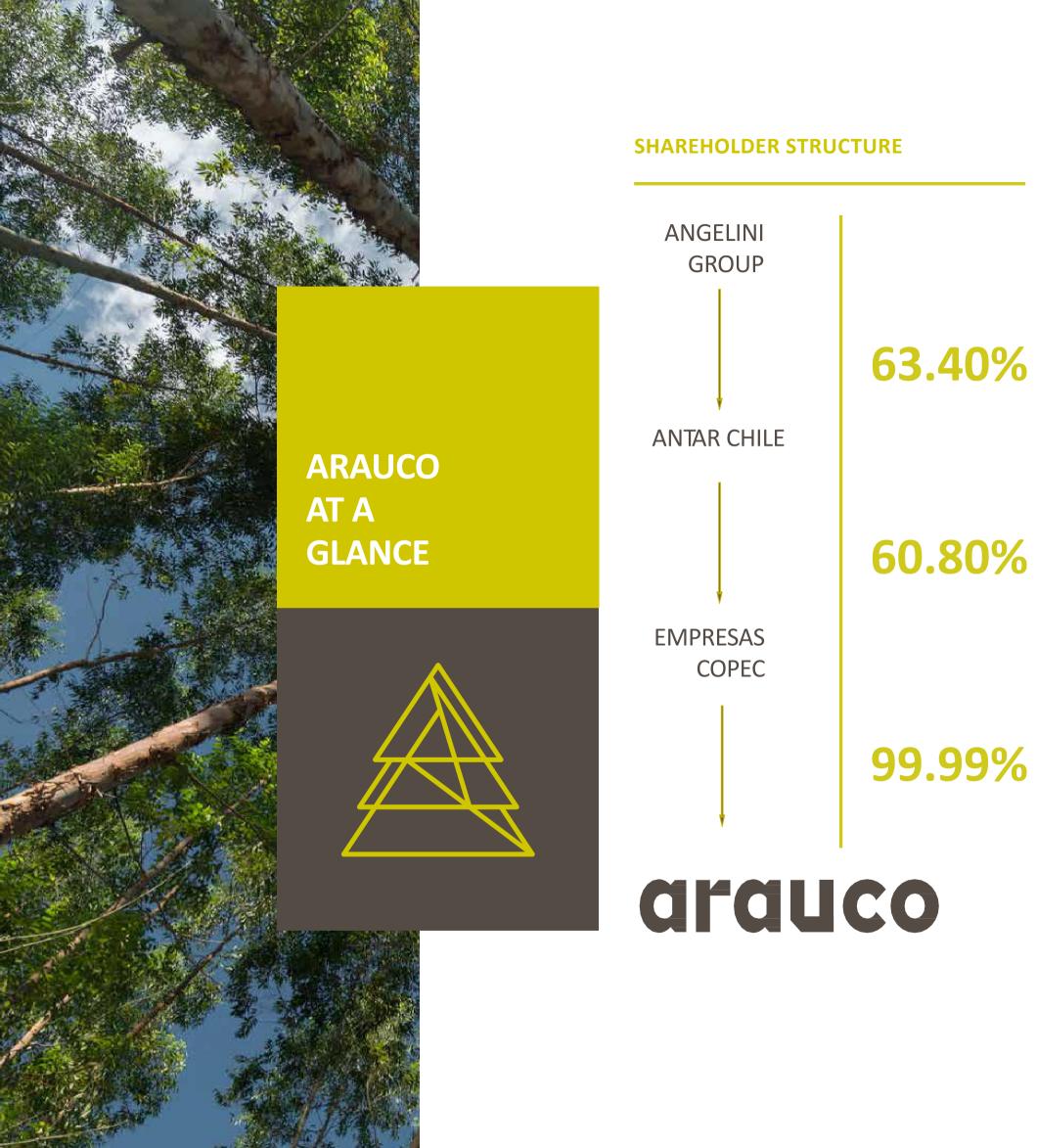




CORPORATE PRESENTATION Q4 2022

renewables for a better life

arauco



#### **CREDIT RATINGS**

INTERNATIONAL SCALE		NATIONAL SCALE	
FITCH RATINGS	BBB 🗸	FITCH RATINGS	AA 🏑
S&P	BBB- ✓	FELLER RATE	AA 🗸
MOODY'S	Baa3 🗸		
	✓ Outlo	ok: stable	

#### **FINANCIAL HIGHLIGHTS**

In US\$ million, last twelve months

EBITDA	2,167	Net Income	704
EBITDA Margin	31%	CAPEX	1,588
Net Debt / EBITDA	2.33x	Revenues	7,102



**REVENUES** 

MUS\$7,102

PULP

WOOD

42%

58%

**Adjusted EBITDA** 

MUS\$2,167

**PULP** 

WOOD

**52%** 

55%

**OTHERS** 

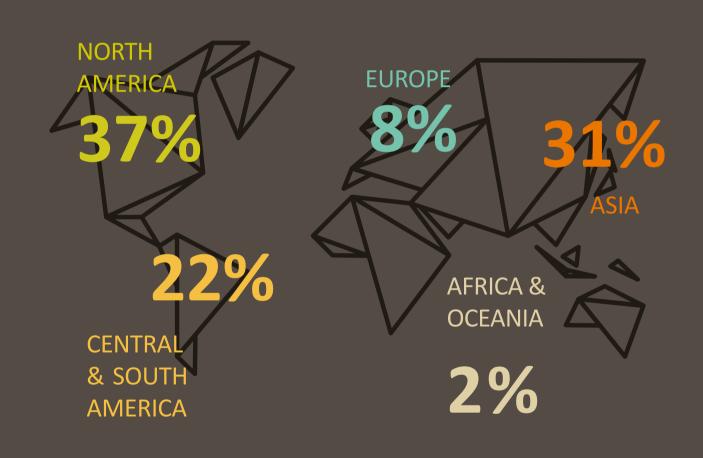
-7%





# arauco

REVENUES BY REGION



## Pulp

### **Wood products**

# arauco

		Forest Plantations (1)	Mills	Panels	Solid Wood
	4	606 th. ha	5 Mills 4,175 th. t	2 Mills  PB: 340 th. m³  MDF: 500 th. m³	9 Mills  Sawn Timber: 2,703 th. m³  Plywood: 710 th. m³  4 Rem. Facilities
TWO STRATEGIC		129 th. ha	1 Mill 350 th. t	2 Mills PB: 260 th. m³ MDF: 300 th. m³	1 Mill Sawn Timber: 318 th. m³ 1 Rem. Facility
BUSINESS SEGMENTS		129 th. ha		4 Mills PB: 450 th. m³ MDF: 1,520 th. m³	
	(2)	88 th. ha	1 Mill 710 th. t		
	(*)			7 Mills PB: 1,630 th. m³ MDF: 1,015 th. m³	
1) Considers hectares planted mainly with eucalyptus (globulus, nitens), pine (radiata, taeda, elliottii) and others.				2 Mills PB: 315 th. m³ MDF: 250 th. m³	
<ul><li>2) Considers 50% of Montes del Plata.</li><li>3) Considers 50% of Sonae Arauco.</li><li>4) One PB mill in South Africa is currently shut down.</li></ul>	(3)			9 Mills (4)  PB : 1,191 th. m³  MDF: 615 th. m³  OSB: 230 th. m³	1 Mill Sawn Timber: 35 th. m³
As of December 2022	Total	1.0 million ha	5.2 million t	8.6 million m <sup>3</sup>	3.8 million m <sup>3</sup>

# Complementary energy operations

10 Power plants

606 mw Surplus: 219 mw

2 Power plants

82 mw

Surplus: 13 mw



1 Power plant

91 mw Surplus: 52 mw







779 mw Surplus: 284 mw

# **WE ARE A MAIN PLAYER** IN THE GLOBAL **MARKET**

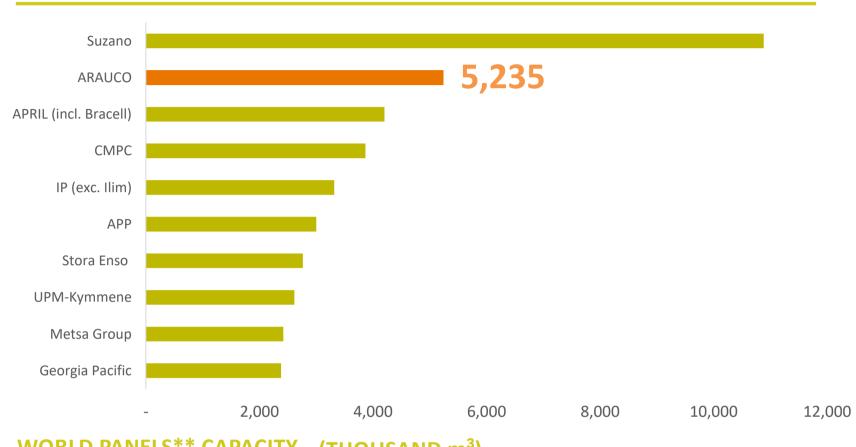
World market pulp and panel competitors capacity as of December

- \* Arauco capacity includes 50% of Montes del Plata and 50% of Sonae Arauco.
- \*\* Panels refers to Composite Panels, which corresponds to MDF, PB and OSB.

Source: Hawkins Wright, public fillings, Arauco's estimations, information and

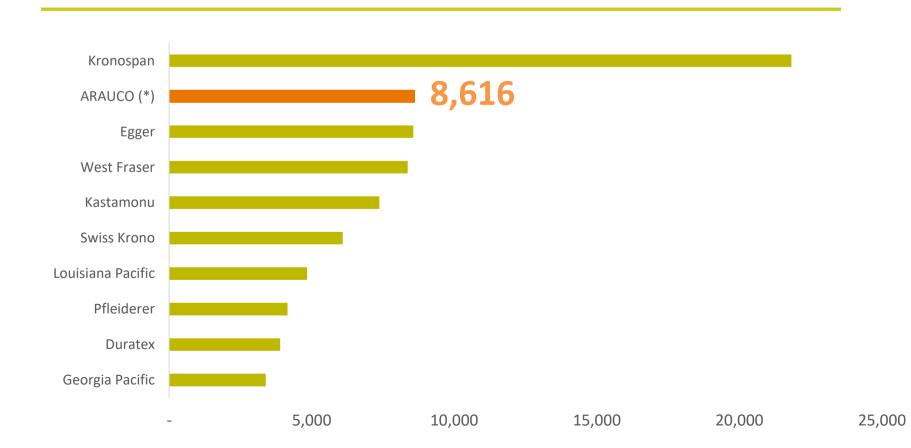
#### MARKET PULP CAPACITY (THOUSAND TONNES)

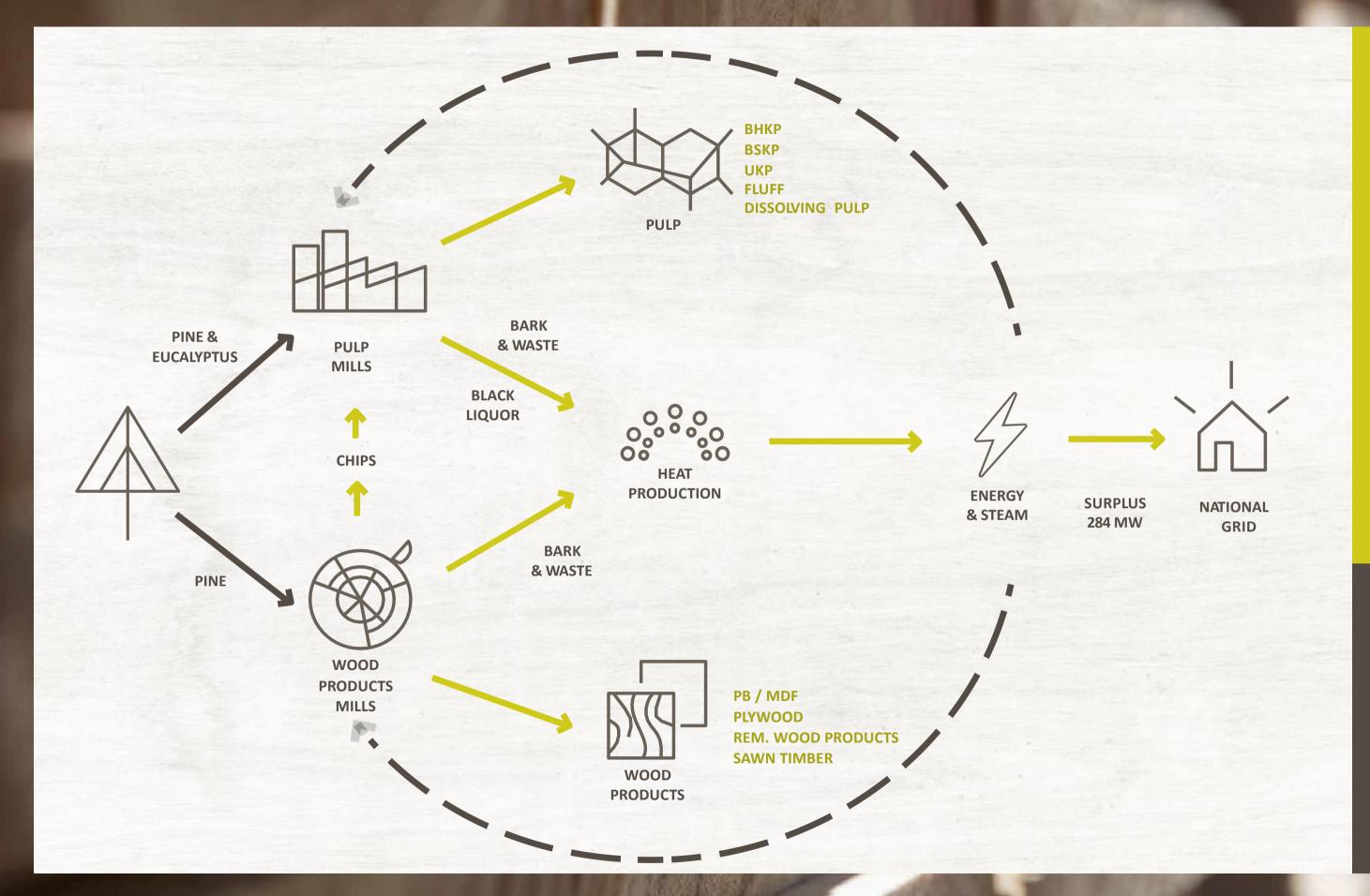
**IN MARKET PULP CAPACITY IN THE WORLD** 



WORLD PANELS\*\* CAPACITY (THOUSAND m³)







MAXIMIZING
THE VALUE
OF OUR FOREST









PULP SALES

MUS

\$2,888

Energy sales not included

#### **BHKP**

Bleached Hardwood Kraft Pulp

#### **BSKP**

Bleached Softwood Kraft Pulp

#### UKP

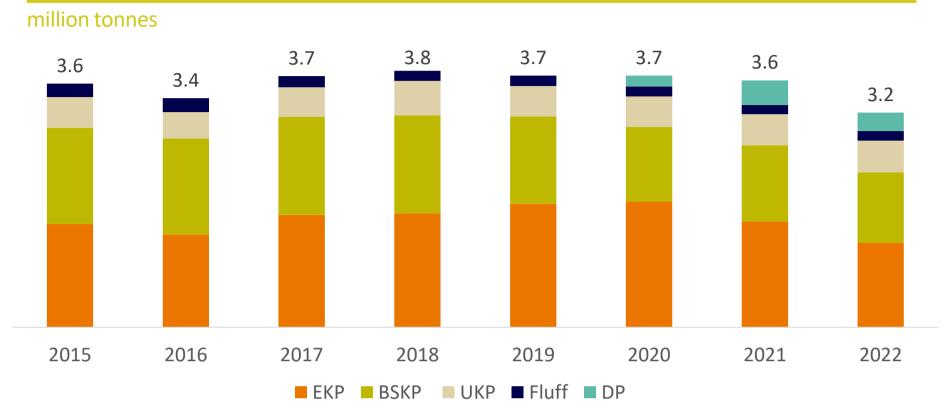
Unbleached Kraft Pulp

## FLUFF

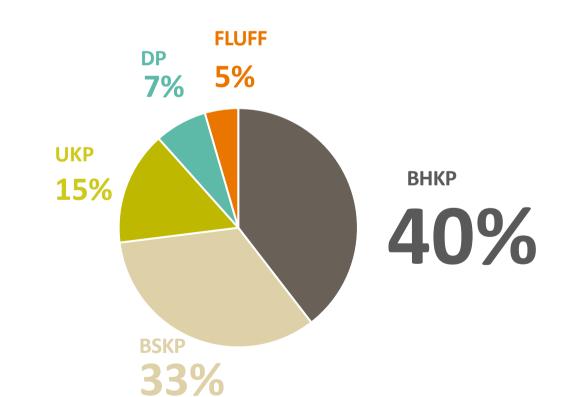
#### DP

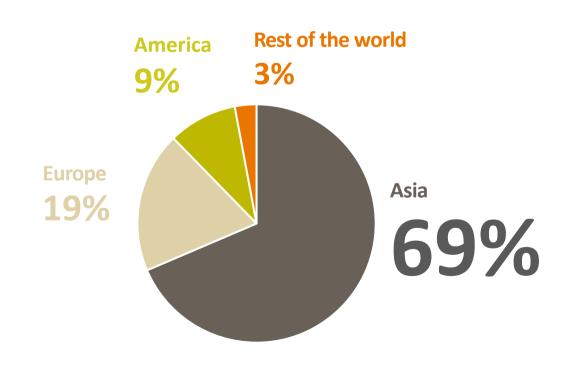
Dissolving Pulp

#### **PRODUCTION**



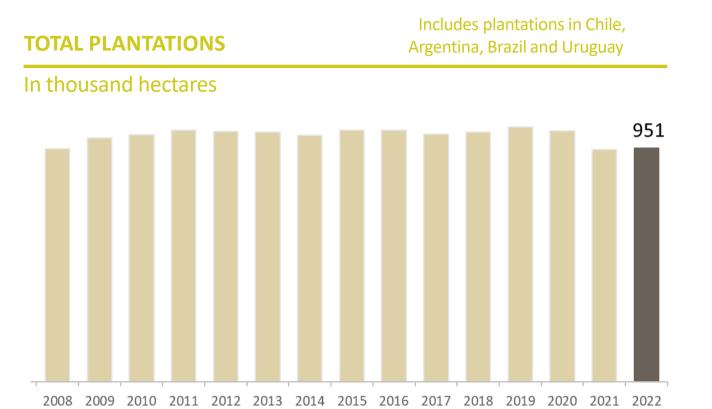
**SALES VOLUME: 3.2** million tonnes

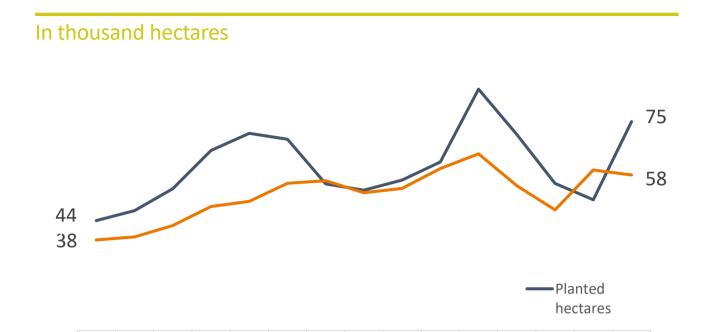




# **PULP BUSINESS FORESTRY OPERATIONS**

## arauco





**PLANTING AND HARVESTING** 

1.7\*
MILLION
HECTARES OWNED

THOUSAND
HECTARES PLANTED

1.7

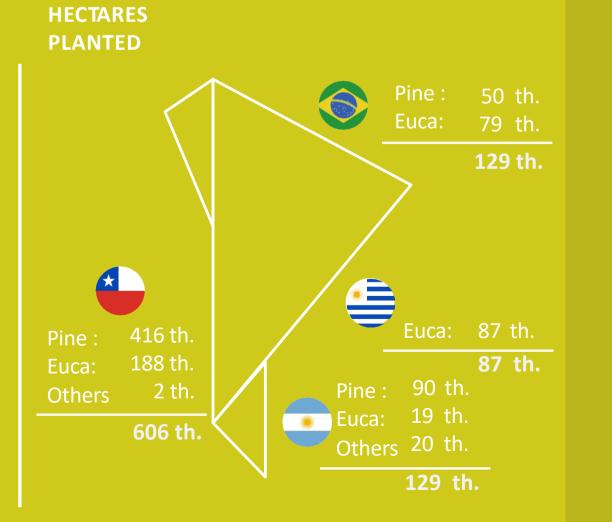
THOUSAND
HECTARES PLANTED

THOF PINE

TH OF EUCA

THOTHERS

(\*) includes 492 th. hectares of native forest plantations.
As of December 2022

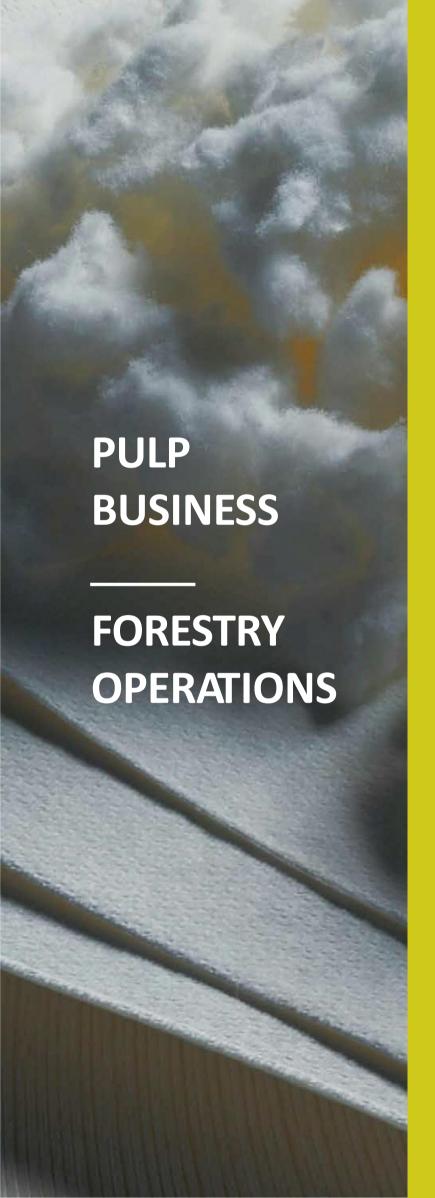


ENVIROMENTAL CERTIFICATIONS

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

Our forests plantations have international certification in Forestry Management and Chain of Custody

For detailed information about each certification, you can visit our web site <a href="www.arauco.com">www.arauco.com</a>



# BIOFOREST RESEARCH AND DEVELOPMENT

Bioforest was formed in 1990 by ARAUCO and one of the achievements has been the increase in the plantation yields by 40%.



# 50+ RESEARCHERS

work in order to develop and apply the best technologies, maximizing our forestry and industrial resources.





LICANCEL

160
UKP

NUEVA ALDEA 520 BHKP 520 BSKP

Swing mill

arauco

MONTES DEL PLATA

1,420 BHKP



ARAUCO owns 50%

CONSTITUCIÓN

355 UKP



ESPERANZA
350 FLUFF or BSKP

Swing mill

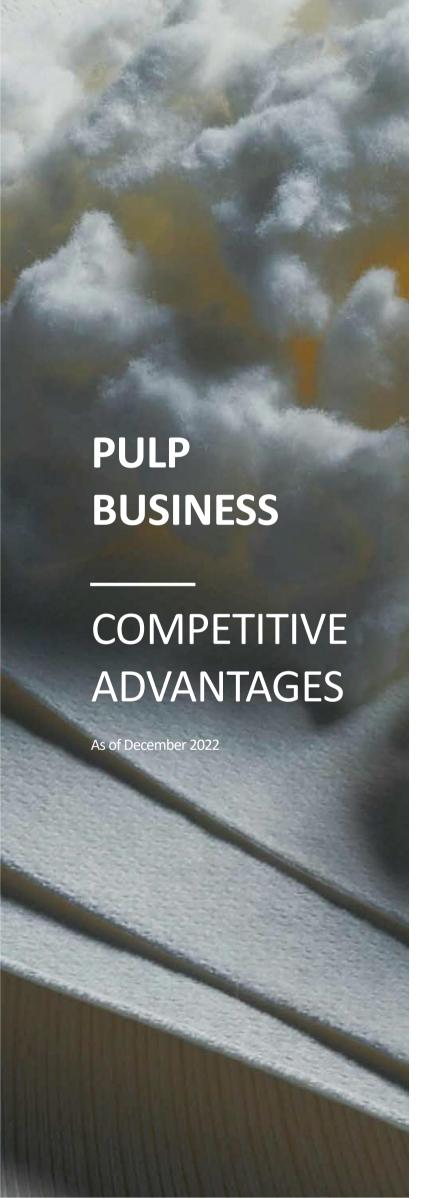
ARAUCO MILL
1,560 BHKP
510 BSKP



VALDIVIA

550 DP or BHKP





#### 1. LOGISTIC EFFICIENCY

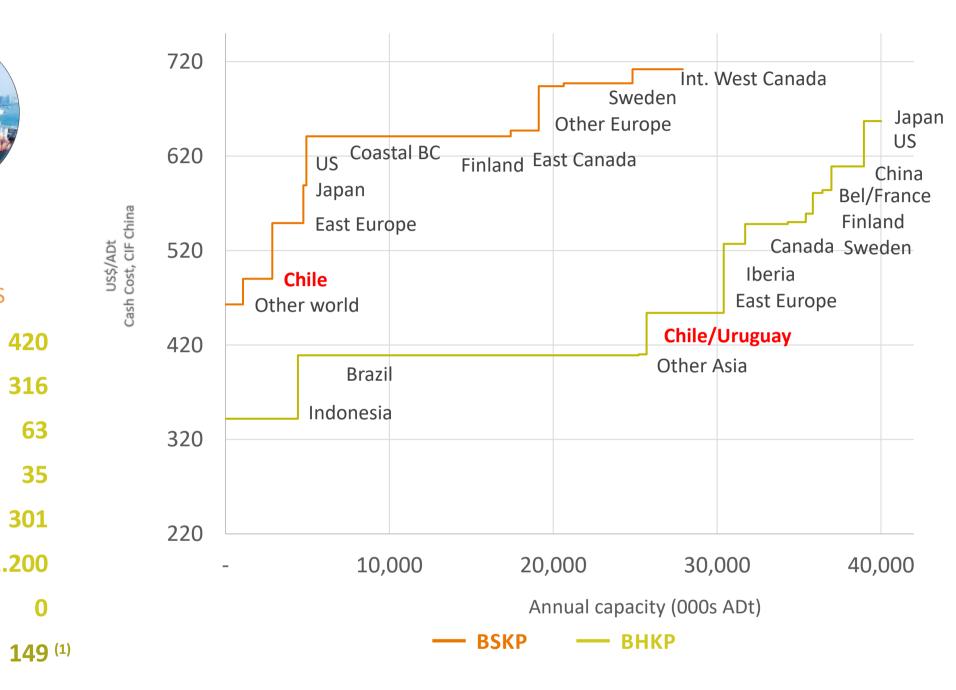


#### AVERAGE DISTANCES (km) FROM

PORTS	MILLS TO PORTS			STO N	FORESTS
420	>	LICANCEL	85	>	CHILE
316	>	CONSTITUCIÓN	80	>	ARGENTINA
63	>	NUEVA ALDEA	282	>	URUGUAY
35	>	ARAUCO			
301	>	VALDIVIA			
1.200	>	ALTO PARANÁ			
0	>	MONTES DEL PLATA			
- 4-1					

WEIGHTED AVG. >

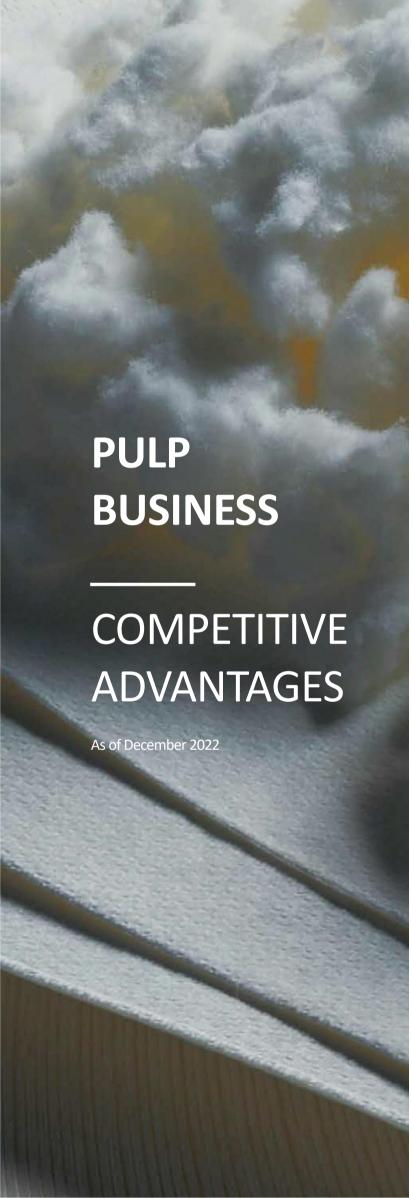
#### 2. COST ADVANTAGES



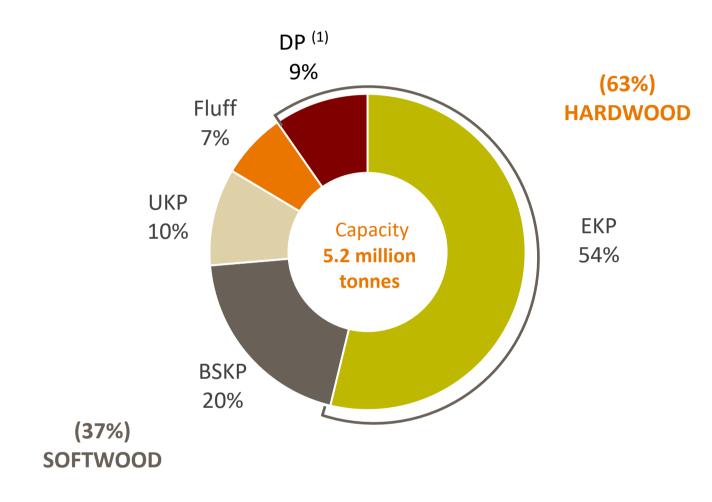
Source: ARAUCO.

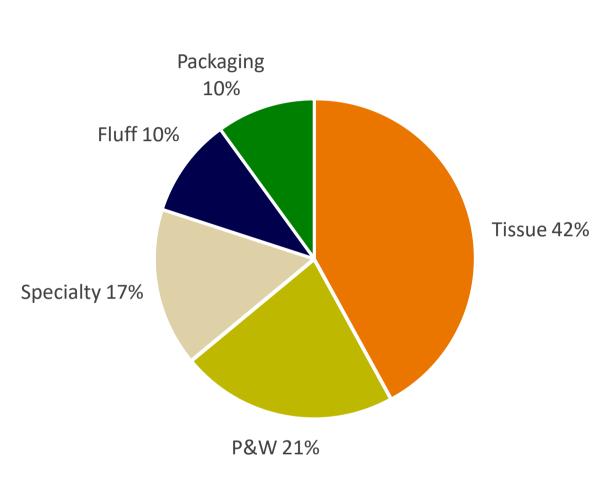
(1) Calculated using sales volume for 2022.

Source: Hawkins Wright.
Other world includes Argentina, China and Oceania.



#### 3. PRODUCT DIVERSIFICATION





BCP SHIPMENT BY END-USE, 2022 ESTIMATE (2)



Source: ARAUCO. (1) Dissolving Pulp

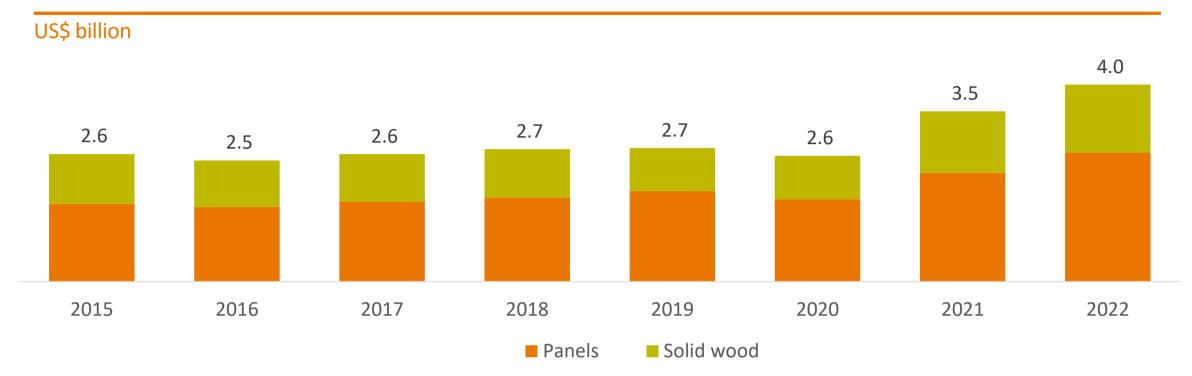
The Valdivia mill will keep the ability to switch from producing dissolving pulp to paper grade (BHKP).

(2) Source: Hawkins Wright.

BCP: Bleached Chemical Pulp, which includes all bleached kraft pulp (and not unbleached) and sulphite Pulp.



#### SALES EVOLUTION



#### **SUBDIVISIONS**



# PANELS SALES

WOOD

**PRODUCTS** 

**BUSINESS:** 

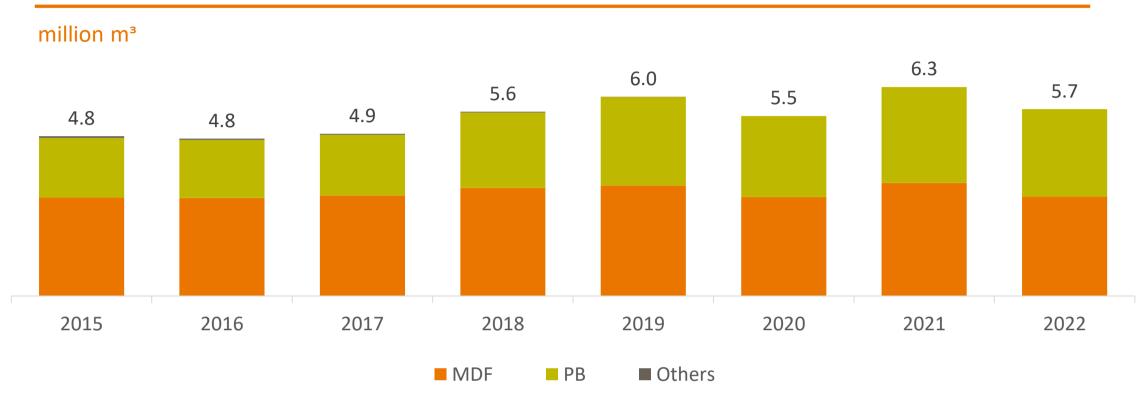
**PANELS** 

MUS \$2,651

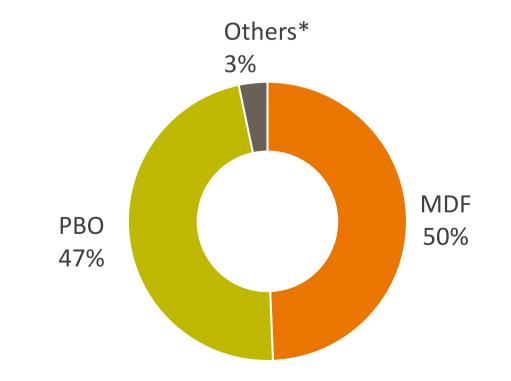
Energy sales not included As of December 2022.

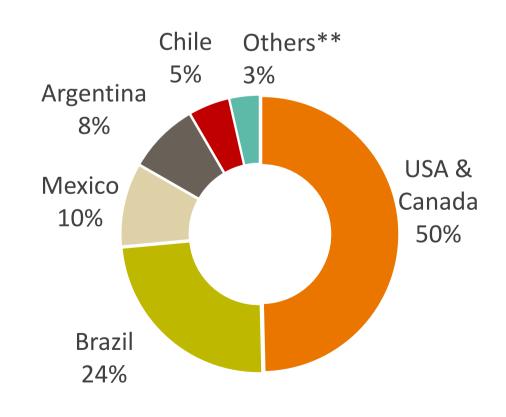
Does not include Sonae Arauco volumes
\*OSB, HB, Retail and Composite panels
\*\* EMEA, Asia, Oceania and Rest of Latam

#### **PRODUCTION**



#### **SALES VOLUME: 5.5 MILLION M³**





# WOOD PRODUCTS BUSINESS: SOLID WOOD

# arauco

## SOLID WOOD SALES

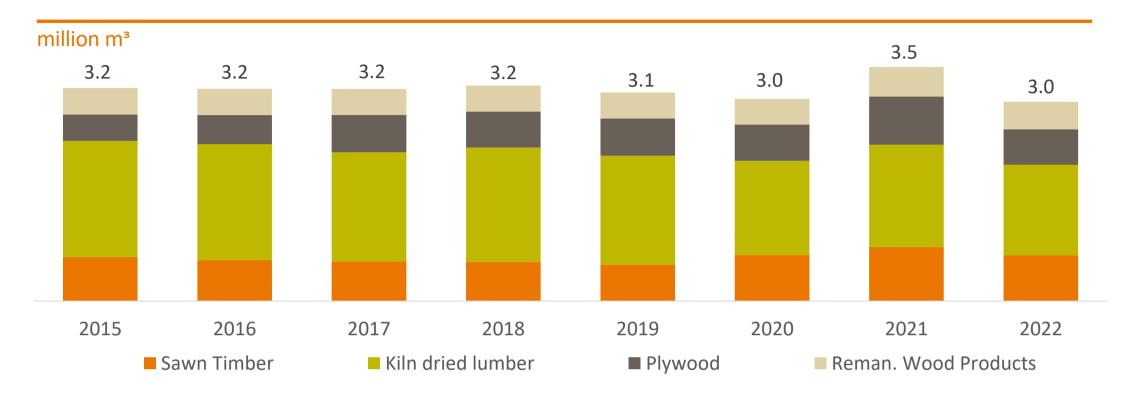
MUS \$1,393

Energy sales not included

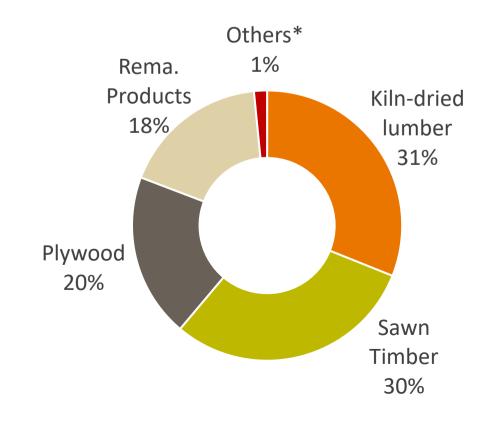
As of December 2022

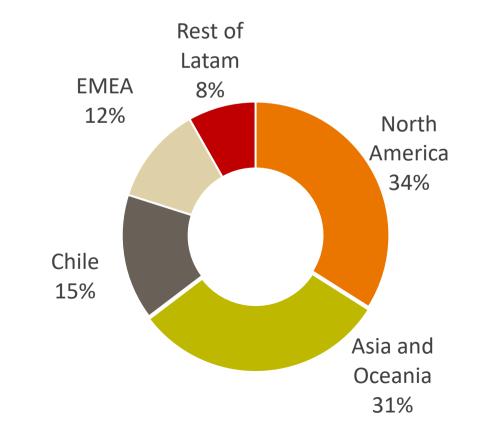
<*0* 

#### **PRODUCTION**

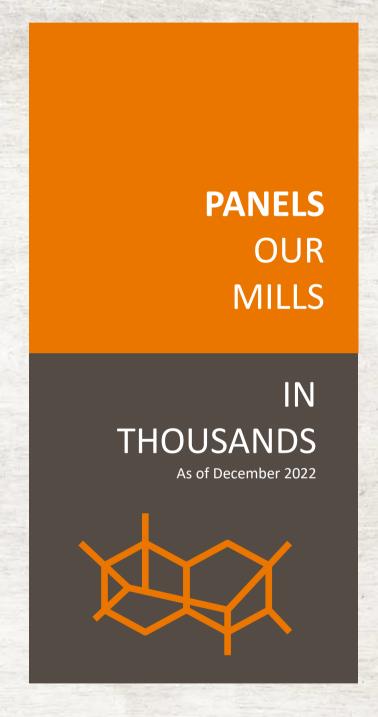


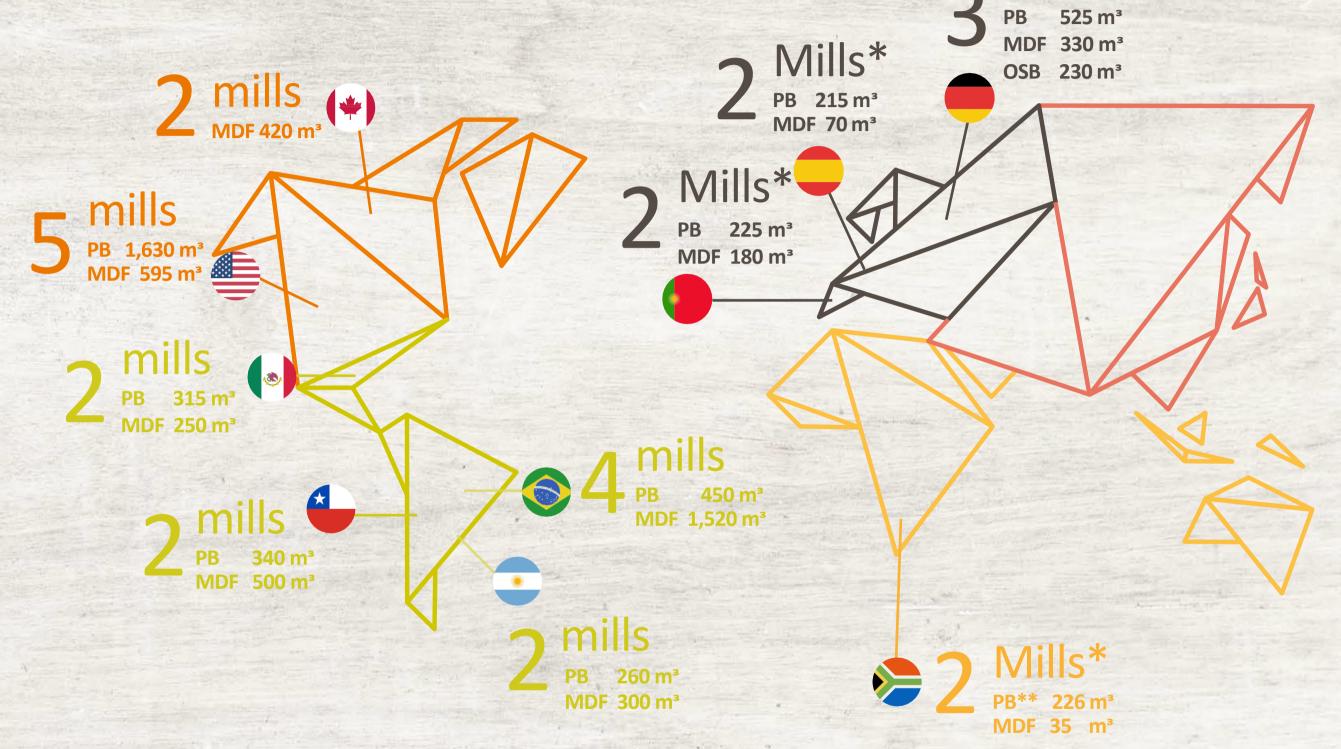
#### SALES VOLUME: 2.7 MILLION M<sup>3</sup>





Sonae Arauco's volume not included \* Pallets





PB: Particle Board

MDF: Medium Density Fiberboard OSB: Oriented Strand Board

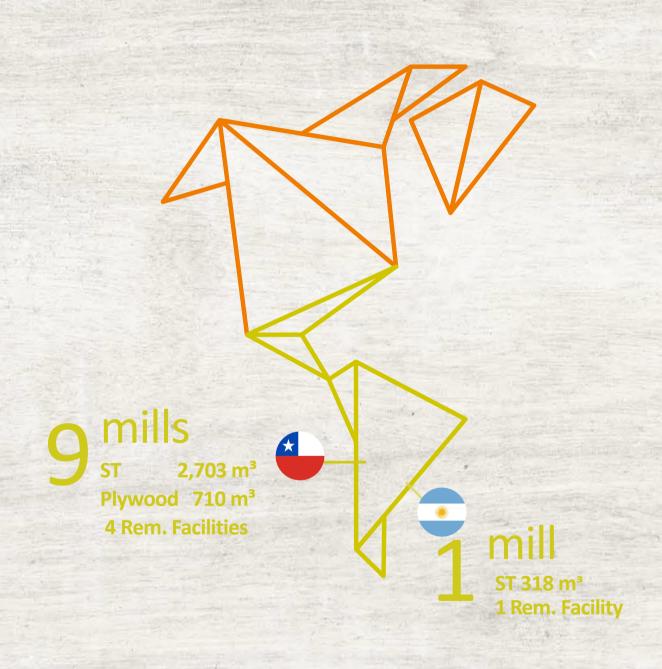
<sup>\*</sup>Arauco owns 50% of Sonae Arauco

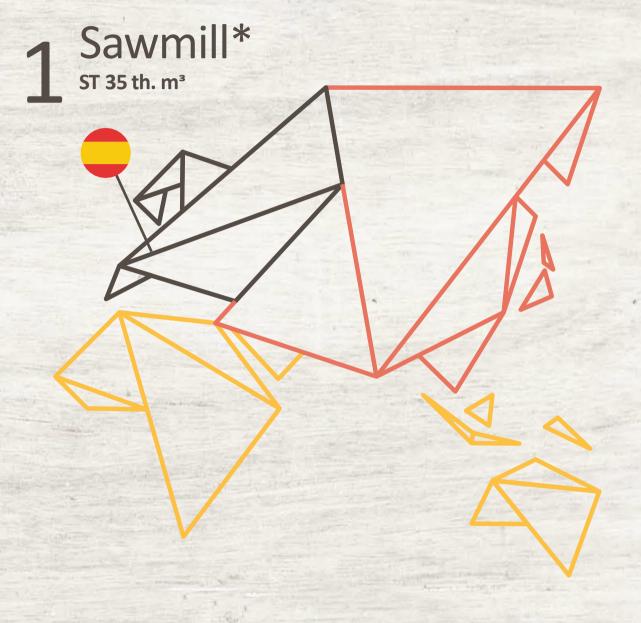
<sup>\*\*</sup>One PB mill in South Africa is currently shut down

**SOLID** WOOD OUR MILLS IN THOUSANDS As of December 2022

ST: Sawn Timber
Rem: Remanufactured Wood Products

As of December 2022
\*Arauco owns 50% of Sonae Arauco





# ENERGY COMPLEMENTARY OPERATIONS



**REVENUES** 

MUS \$90

As of December 2022

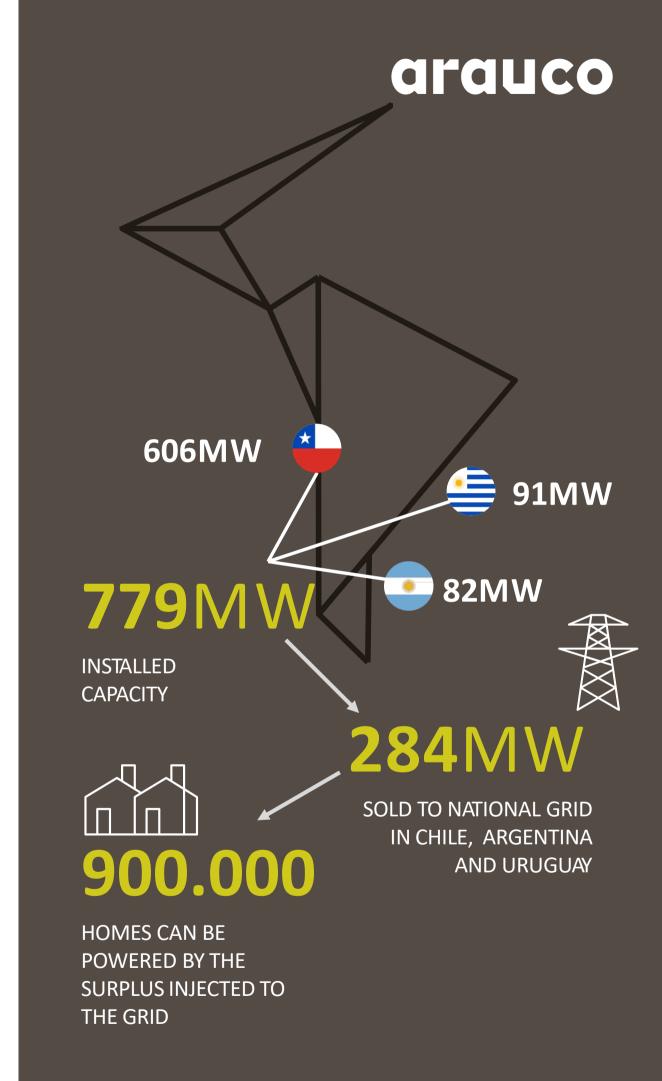
#### **HIGHLIGHTS**

Arauco generates renewable energy from forestry biomass and uses it in the production processes.

In Chile, Argentina and Uruguay, we are self-sufficient in net electricity consumption and we sell the surplus to the local grid.

5 cogeneration plants in Chile and 1 plant in Uruguay are registered under the Kyoto Protocol Clean Development Mechanism (CDM).

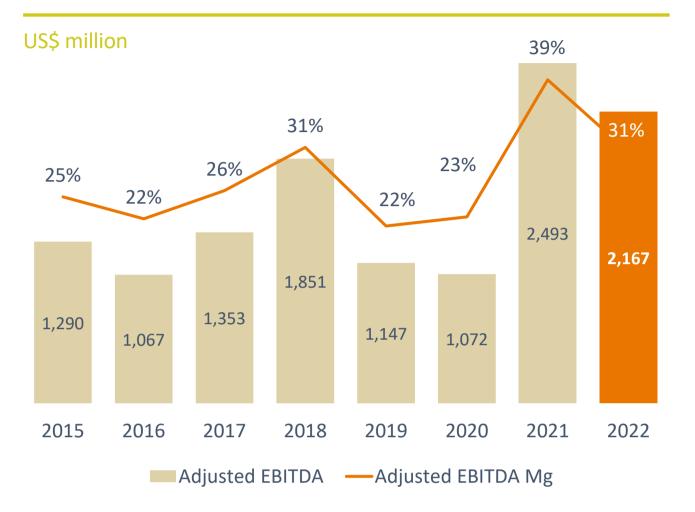
We expect MAPA will generate an additional surplus of 142MW available for the national grid.



# MAIN FIGURES

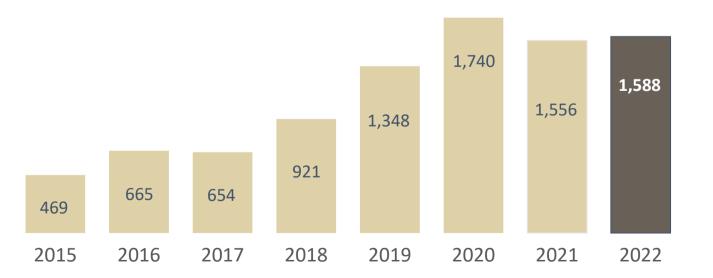
As of December 2022

#### **ADJUSTED EBITDA**



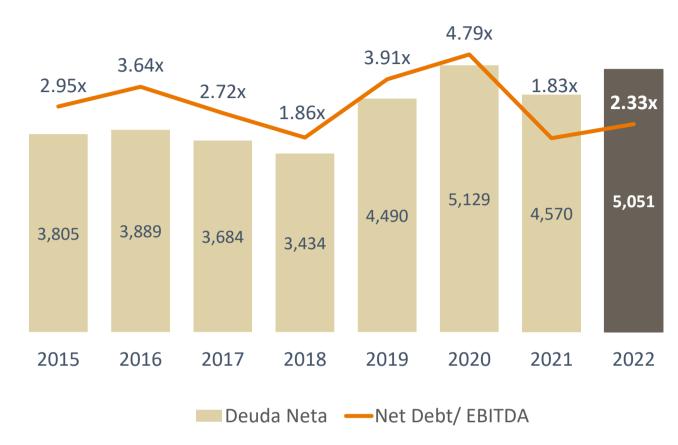
#### **CAPEX**

US\$ million

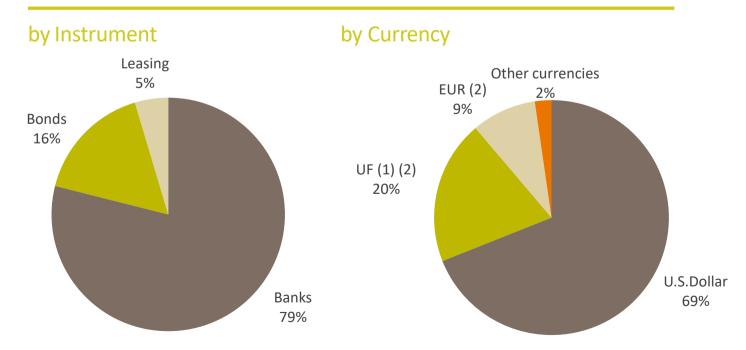


#### **NET DEBT**

#### US\$ million



#### **DEBT BREAKDOWN**



- (1) UF is a Chilean monetary unit indexed to inflation.
- (2) Swapped to USD

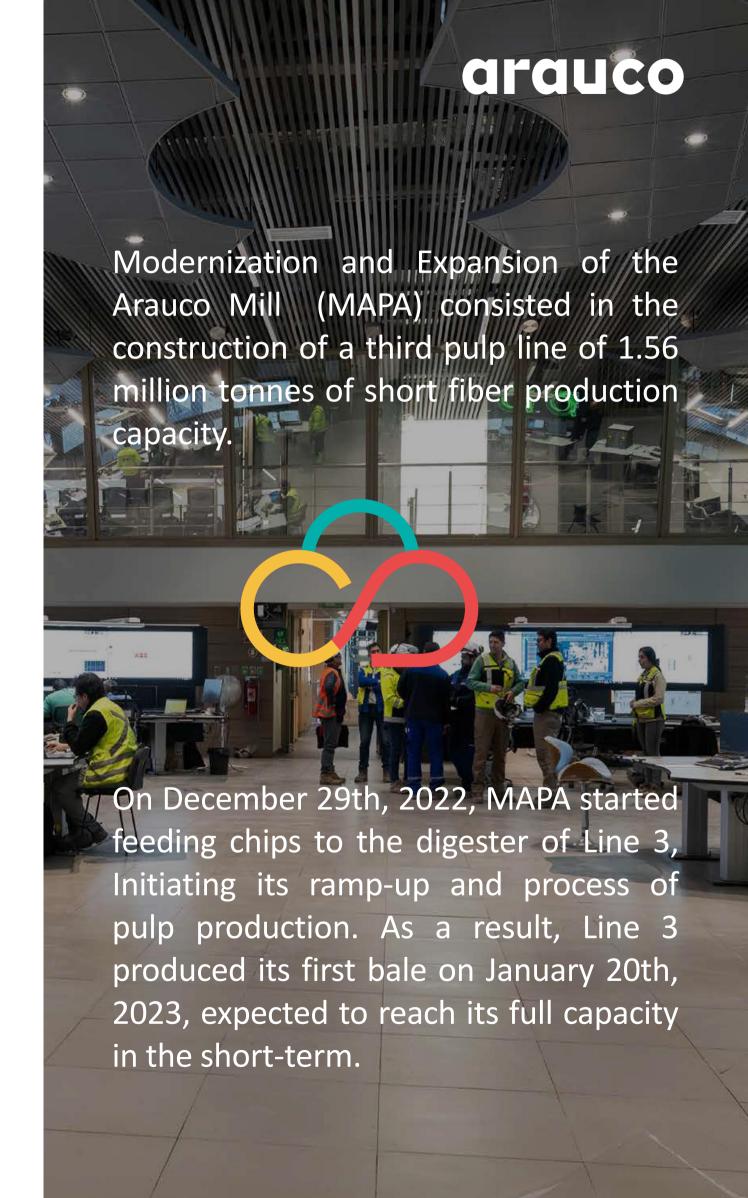


# line 3 MAPA

The investment for this project was approximately

US\$2.9 billion

The Project also considers the shut down of Arauco's line 1 of 290 th. tonnes of short fiber pulp (done on January 3rd 2022), and the construction of a cogeneration plant that we expect will generate a surplus of **142 MW** available for the national grid.





ARAUCO WAS THE FIRST

LATIN AMERICAN FORESTRY

COMPANY TO ISSUE

SUSTAINABLE BONDS IN

OCTOBER 2019



WE ARE CARBON NEUTRAL SINCE 2020





ARAUCO ATTENDED
COP27 IN
NOVEMBER 2022
AND COMMITTED
TO BEING

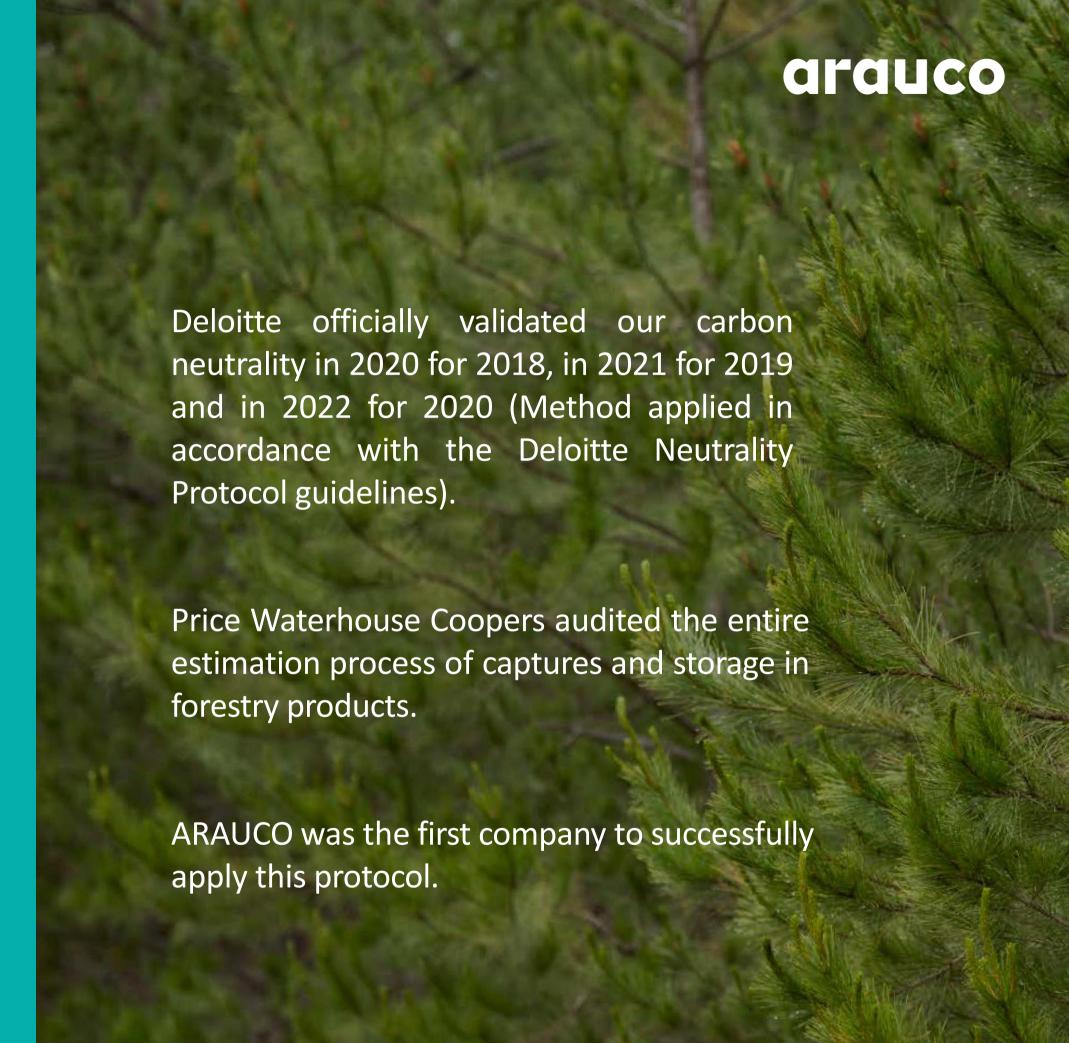
NATURE NET POSITIVE.



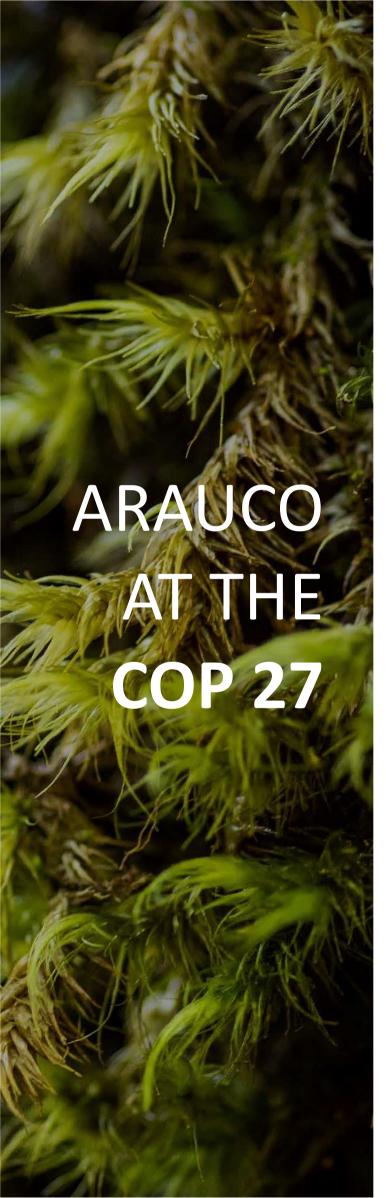












BECOMING NATURE NET







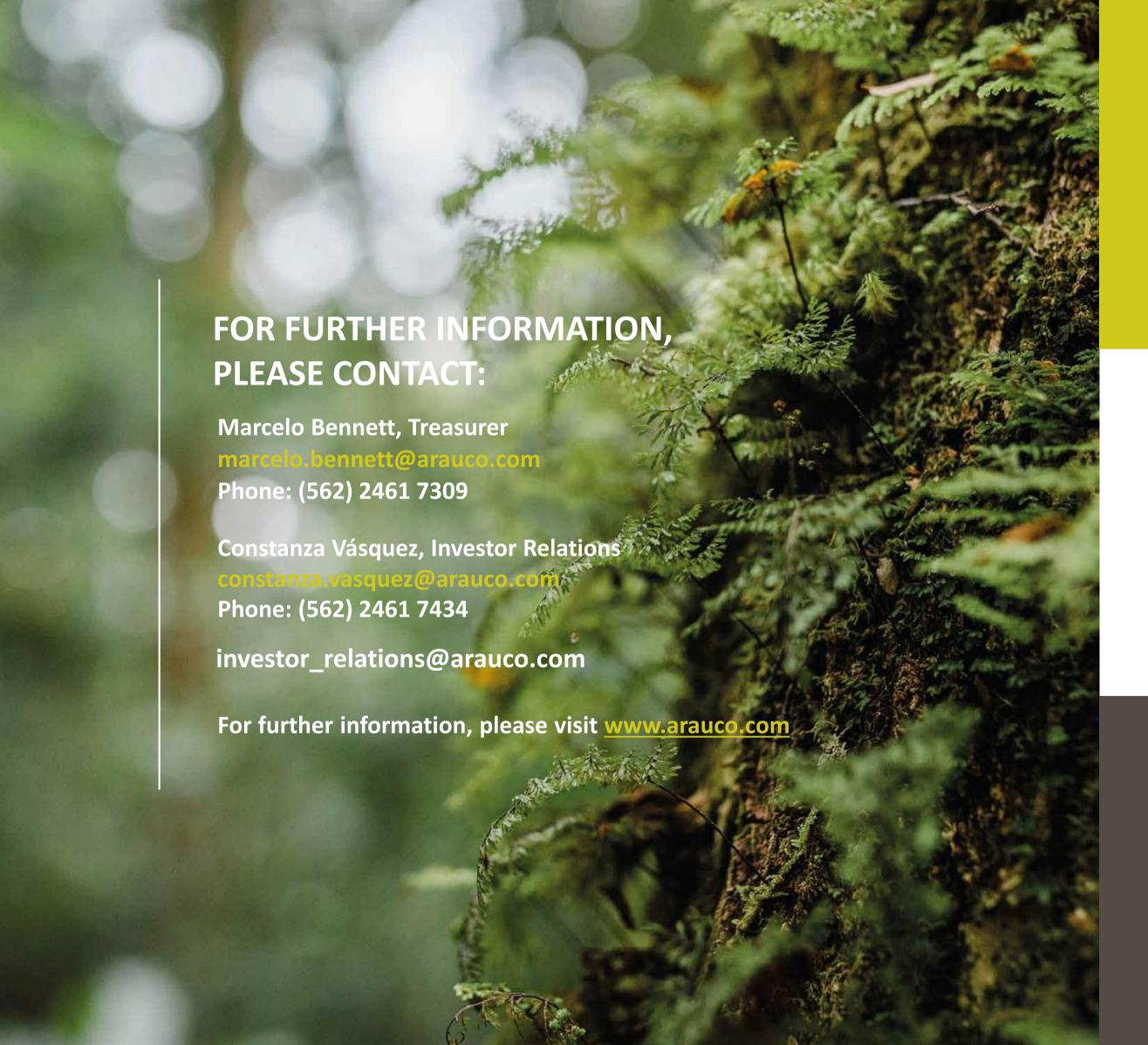


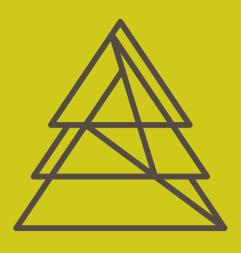
ARAUCO HAS
CONTINUOUSLY
SHOWN STRONG
FINANCIAL RESULTS
ALONG WITH BEING AN
INVESTMENT GRADE
COMPANY DESPITE
MARKET CHALLENGES.

WE CONTINUE TO EXPAND
GLOBALLY, FINDING NEW
CHALLENGES TO
MAXIMIZE THE
COMPANY'S VALUE IN A
SOCIAL, ENVIRONMENTAL,
AND ECONOMICAL
RESPONSIBLE WAY.

arauco







renewables for a better life

arauco

