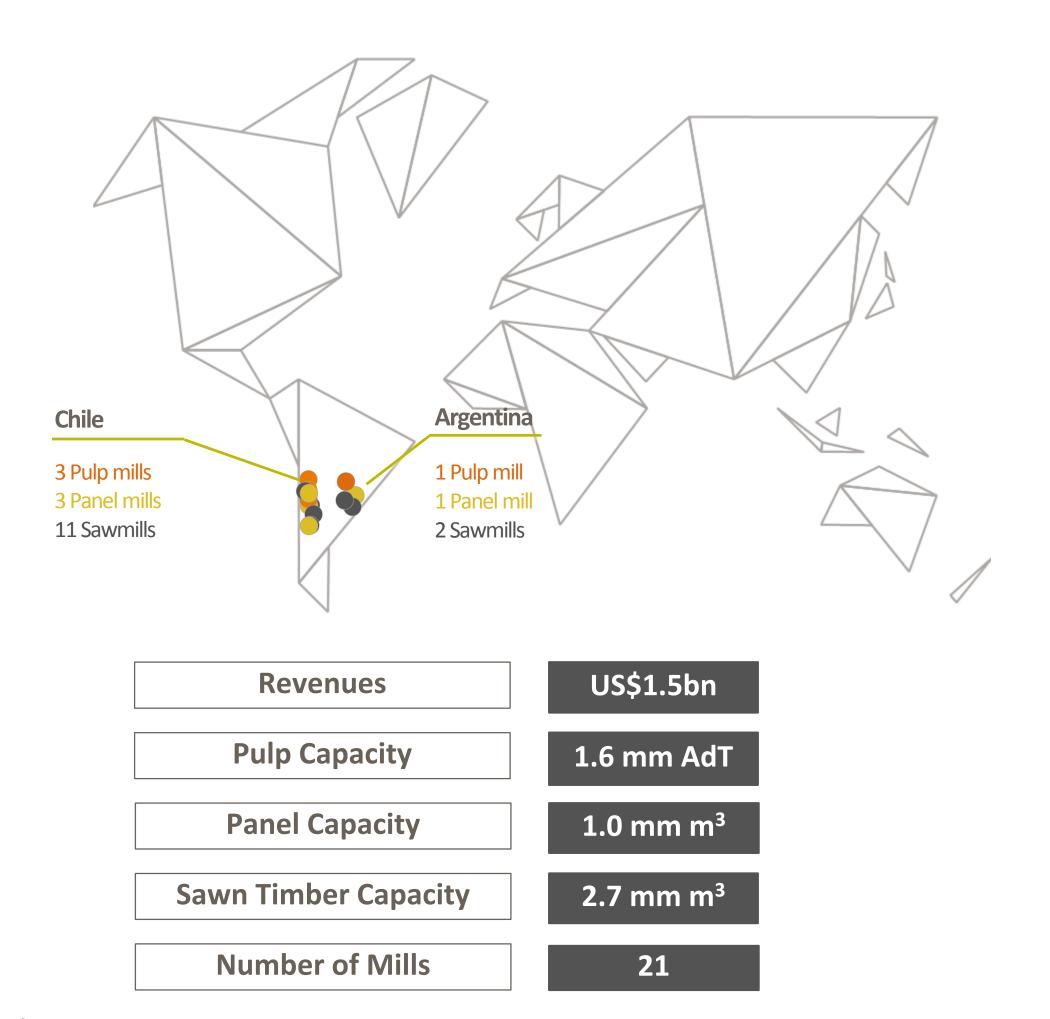


#### HISTORY OF ARAUCO

#### 2003

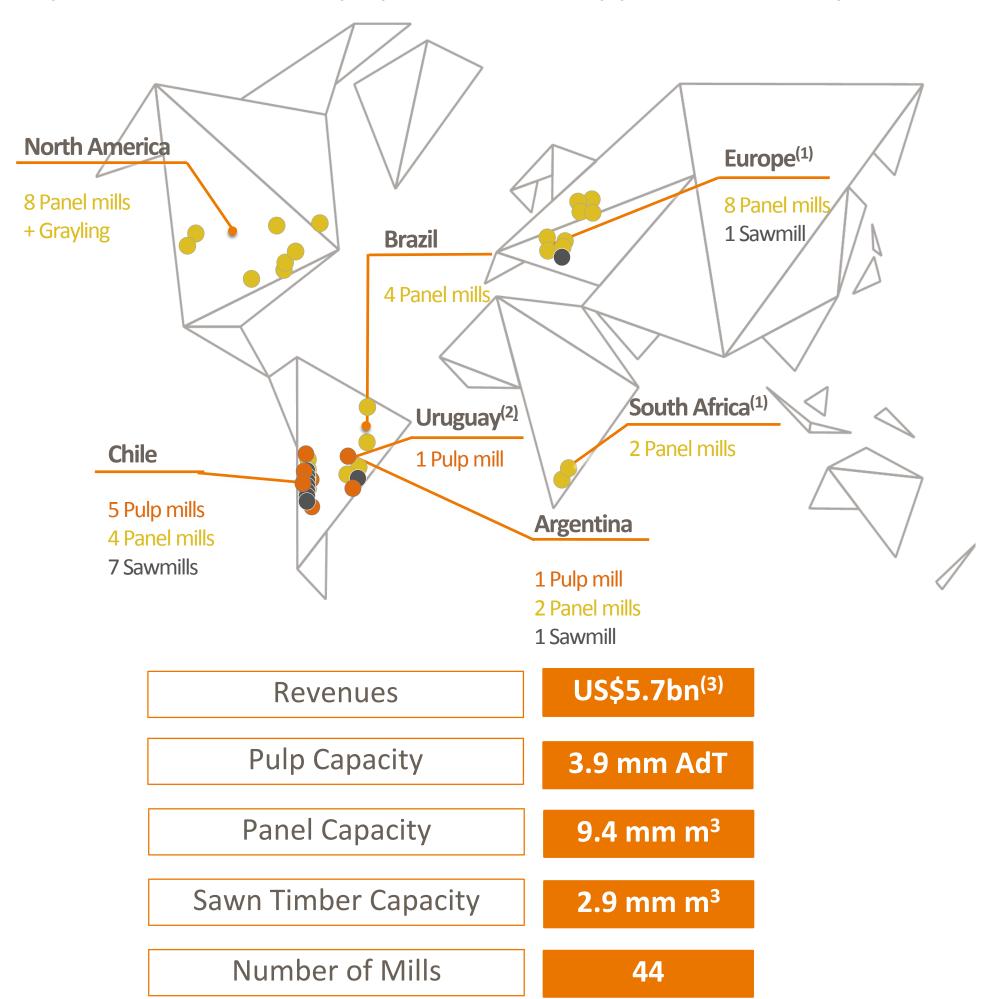
15 years ago, we were a Chilean based forestry and pulp firm...



#### Source: Arauco.

#### ...June 2018

...and today we are a world class player in the forestry products Industry



<sup>(1)</sup> Arauco owns 50% of Europe and South Africa mills through Sonae Arauco.
(2) Arauco owns 50% of Montes del Plata mill in Uruguay.
(3) Revenues figure corresponds to LTM June 2018.

#### ARAUCO AT A GLANCE

	Angelini Family <sup>(1)</sup>	Sales <sup>(1)</sup>	Assets (1)	Consolidated Debt <sup>(1)</sup>	Market Cap (2)
74.68%	AntarChile S.A.	22,395	23,396	7,510	7,267
60.82%	EMPRESAS COPEC	22,396	22,946	7,312	20,057
99.99%	arauco	5,749	14,018	4,227	_

**#1** 

in market cap in Chile

**65%** 

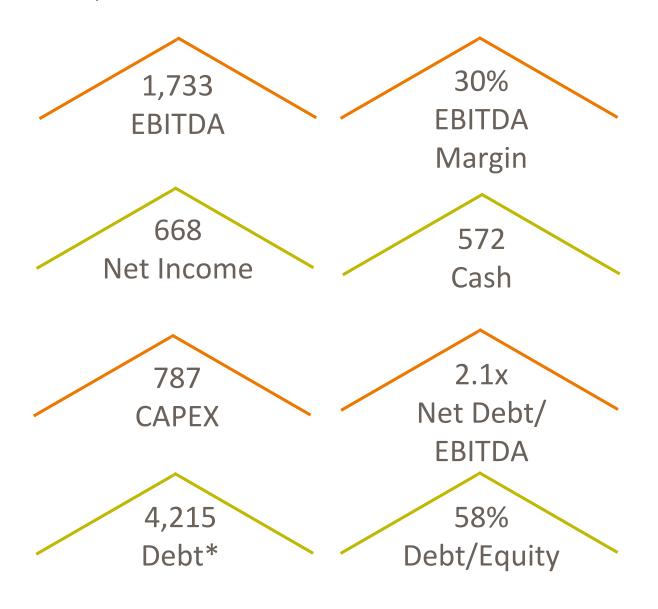
of Empresas Copec's EBITDA

- J1) June 2018
- (2) August 2018
- SEC-registered
- In the US bond market since 1995

	OUTLOOK
Fitch Ratings	BBB (Stable)
STANDARD &POOR'S	BBB- (Stable)
Moody's	Baa3 (Stable)

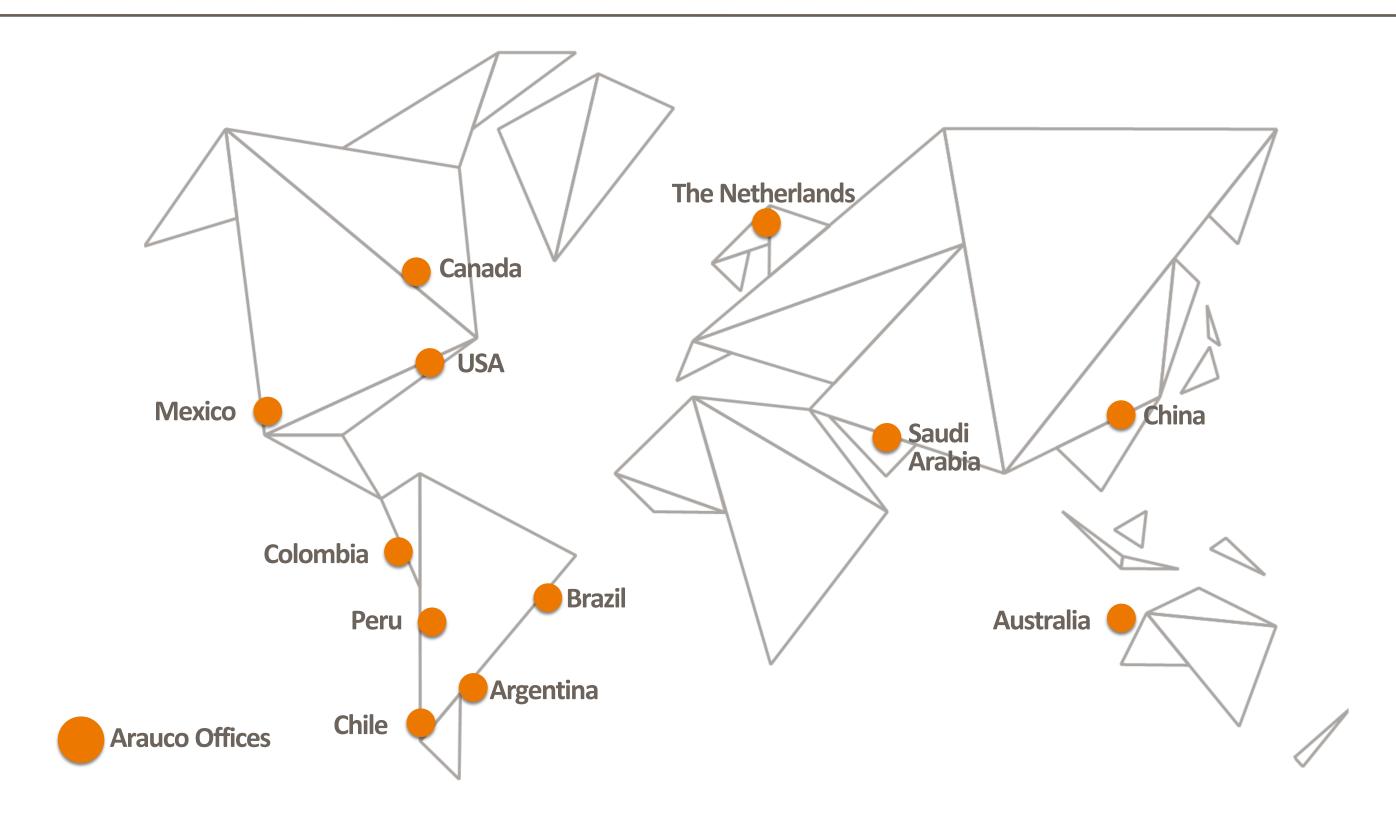
# Financial Highlights June 2018 LTM

In US\$ millions

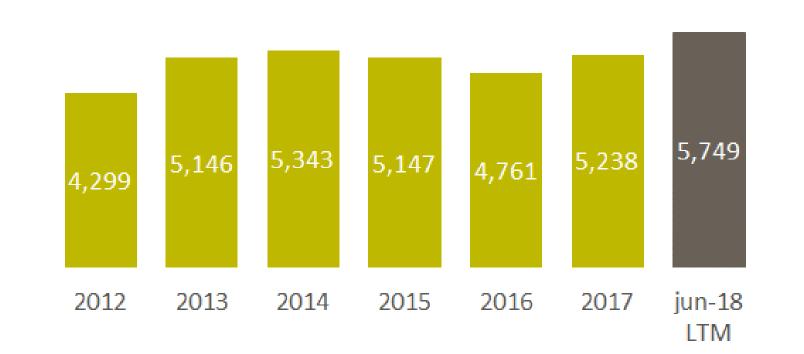


<sup>\*</sup> Does not include swaps & forwards

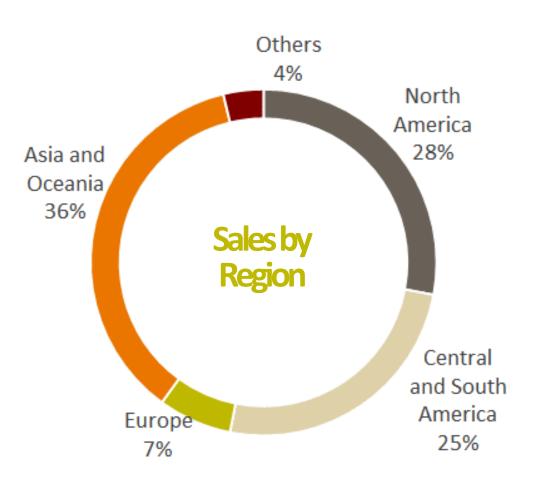
#### DIVERSIFIED SALES AROUND THE WORLD



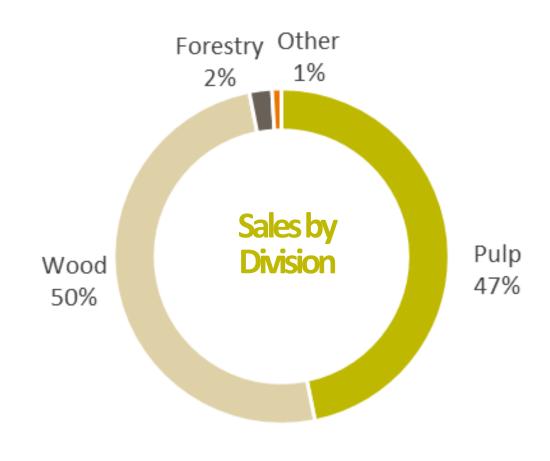
#### Revenues







Dec.2017



Dec. 2017
Pulp and Wood products includes sales energy

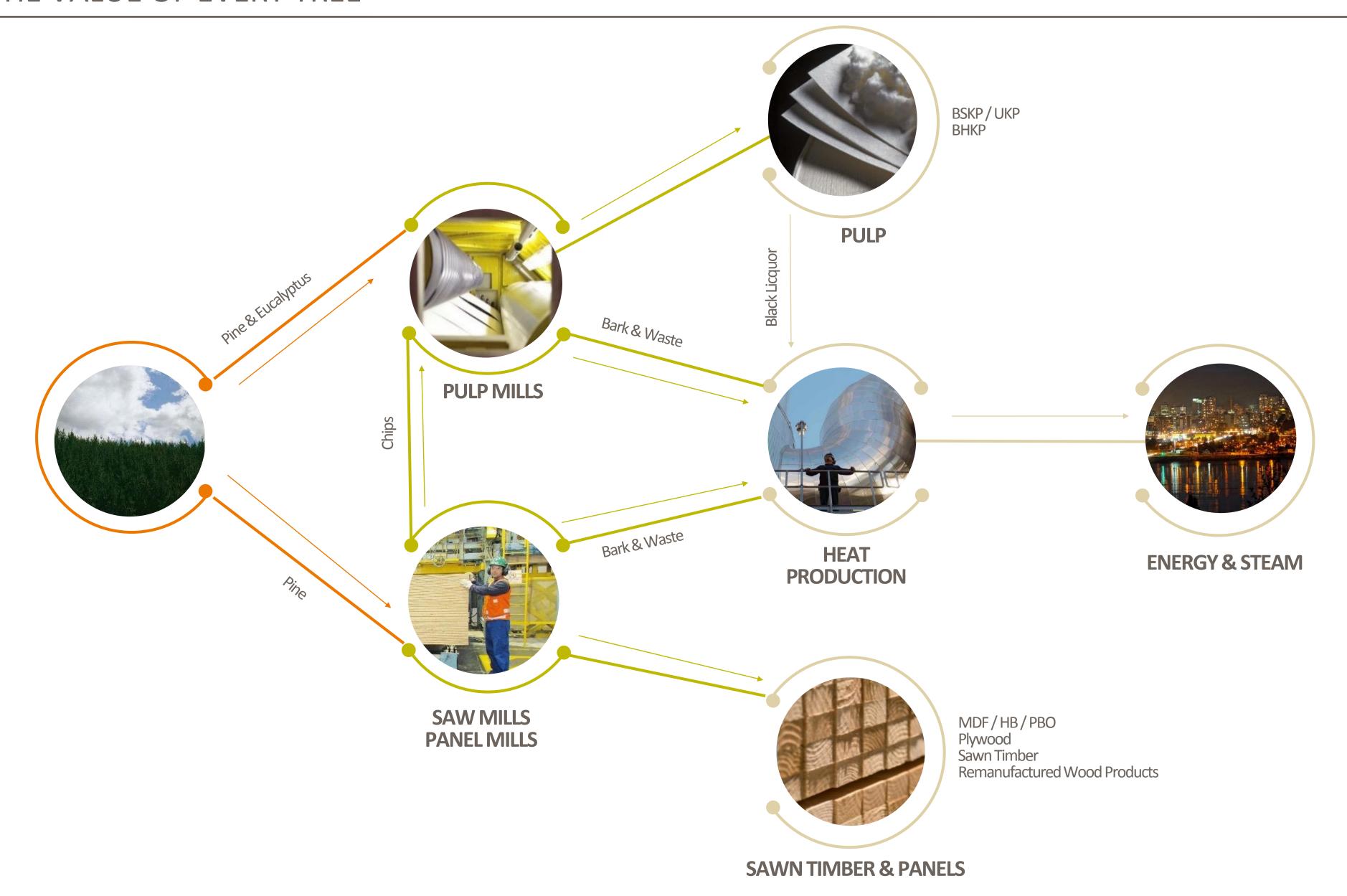
# FOUR STRATEGIC BUSINESS SEGMENTS IN A DIVERSIFIED OPERATIONAL FOOTPRINT

	FORESTRY	PULP	WOOD PRODUCTS		COMPLEMENTARY POWER OPERATIONS
	654,239 Ha <sup>(1)</sup>	5 Mills 2.887,000 tons	4 Mills Plywood: 710,000 m <sup>3</sup> MDF: 515,000 m <sup>3</sup> HB: 60,000 m <sup>3</sup> PB: 300,000 m <sup>3</sup>	7 Sawmills 4 Remanufacturing facilities 2,588,309 m <sup>3</sup>	10 Power Plants 606 MW Surplus: 209 MW
	132,864 Ha <sup>(1)</sup>	1 Mill 350,000 tons	2 Mills MDF: 300,000 m <sup>3</sup> PB: 260,000 m <sup>3</sup>	1 Sawmill 1 Remanufacturing facility 317,982 m <sup>3</sup>	2 Power Plants 78 MW Surplus: 8 MW
	127,658 Ha <sup>(1)</sup>		4 Mills MDF: 1,530,000 m <sup>3</sup> PB: 720,000 m <sup>3</sup>		
	74,352 Ha <sup>(1)(2)</sup>	1 Mill 700,000 tons <sup>(2)</sup>			1 Power Plant 90 MW <sup>(2)</sup> Surplus : 45 MW
			8 Mills MDF: 1,470,000 m <sup>3</sup> PB: 1,520,000 m <sup>3</sup>		
			10 Mills <sup>(3)</sup> MDF: 722,000 m <sup>3</sup> PB: 1,091,000 m <sup>3</sup> OSB: 243,000 m <sup>3</sup>	1 Sawmill <sup>(3)</sup> 25,185m <sup>3</sup>	
TOTAL	989,113 Ha	3.9 MM tons	9.4 MM m <sup>3</sup>	2.9 MM m <sup>3</sup>	774 MW

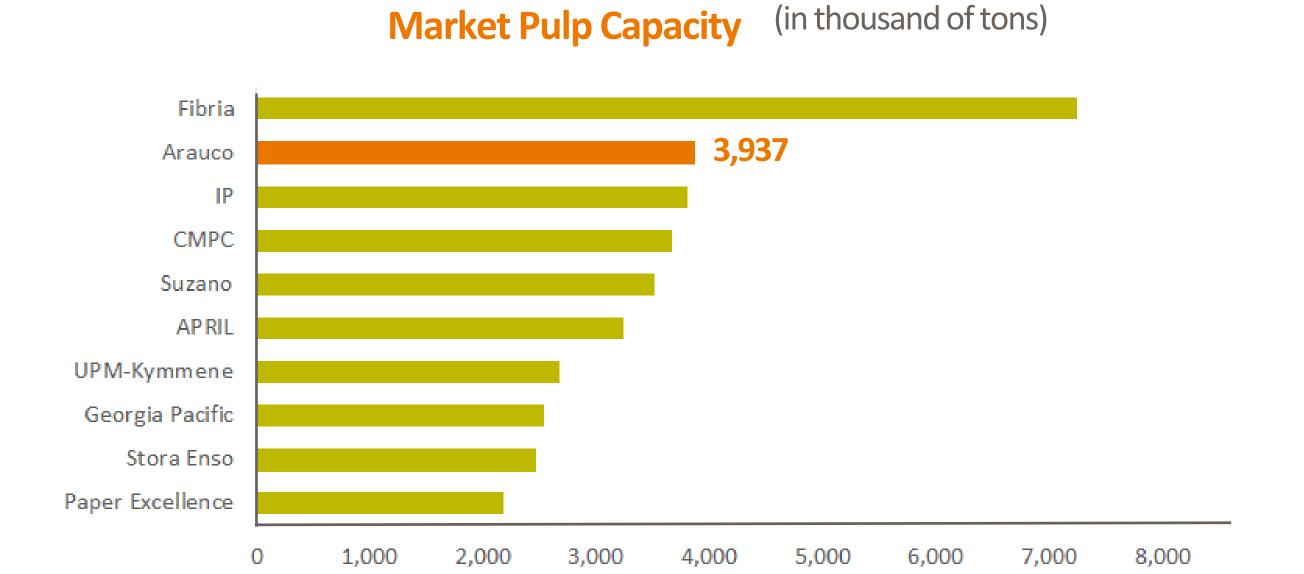
<sup>(1)</sup> Considers hectares planted(2) Considers 50% of Montes del Plata

<sup>(3)</sup> Considers 50% of Sonae Arauco As of June 2018

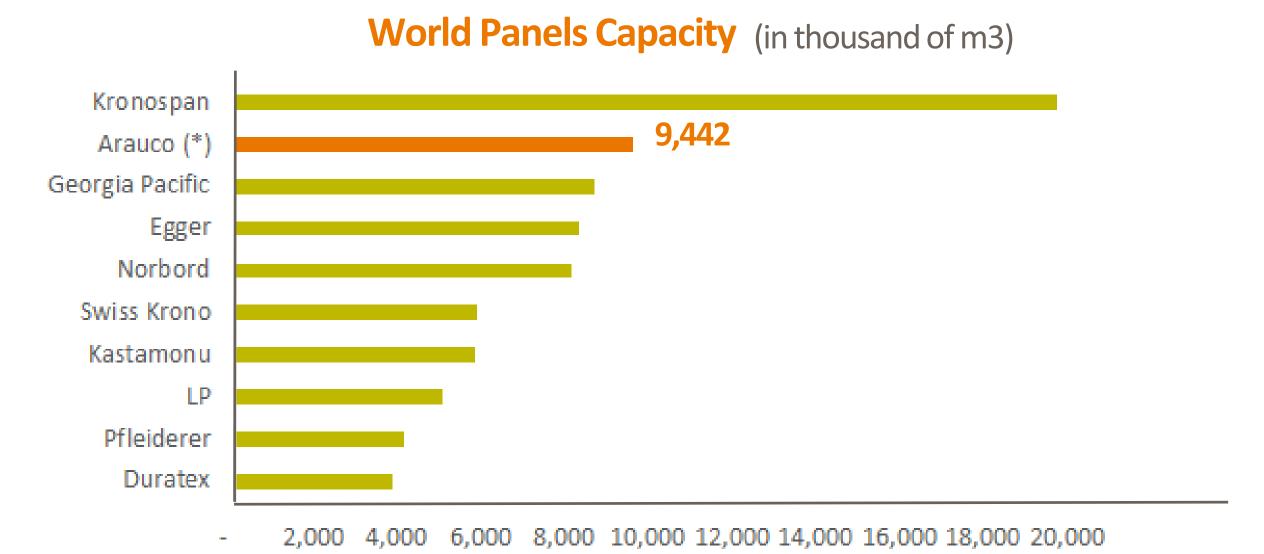
## MAXIMIZING THE VALUE OF EVERY TREE



#2 market pulp producer in the world



 $\label{eq:panels} \#2$  panels producer in the world

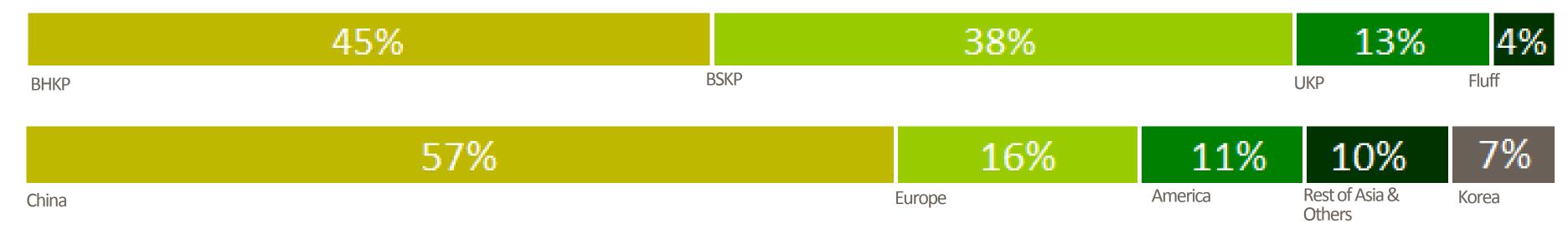


Market Pulp Capacity, December 2017. Arauco capacity includes 50% of Montes del Plata World Panels Capacity, December 2017. Arauco capacity includes 50% Sonae Arauco at Dec. 2017 Source: Hawkins Wright, Arauco estimations and Company information and filings

#### OUR MAIN PRODUCTS

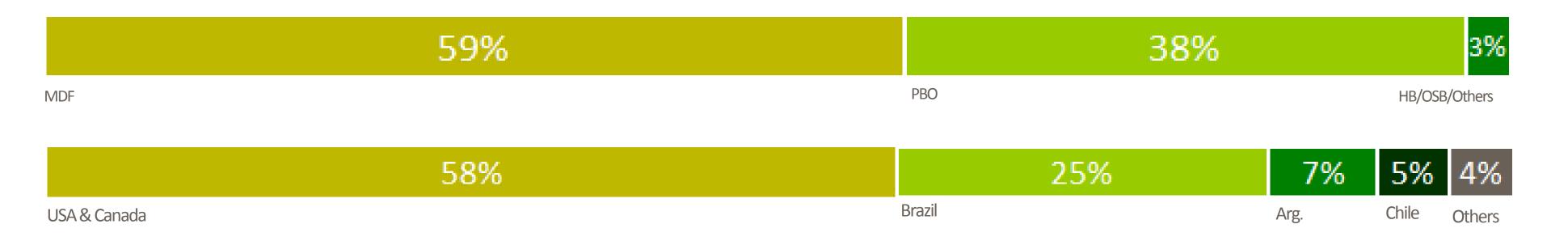


Pulp Sales Volume: 3,772 Th. AdT



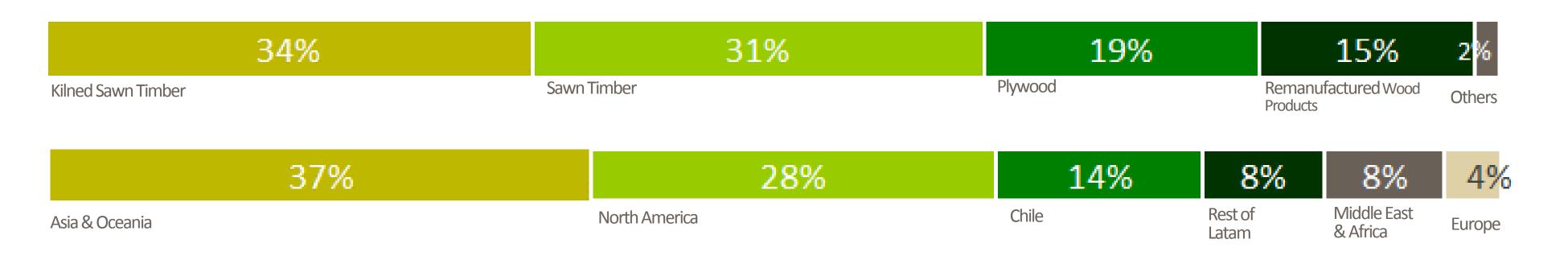


Panels\*
Sales Volume: 5,100 Th. m3





**Sawn Timber**Sales Volume: 2,921 Th. m3

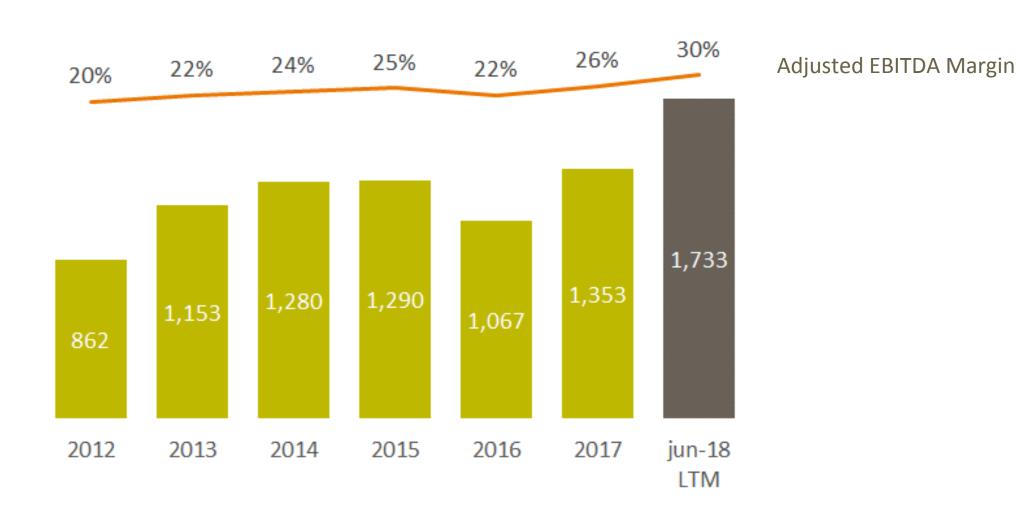


# OPERATIONAL EFFICIENCY

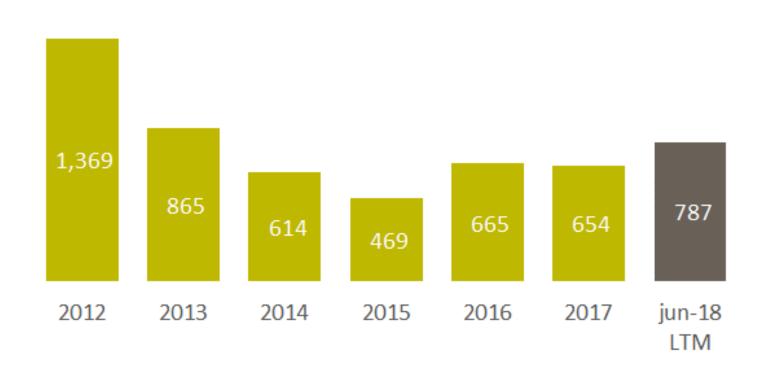


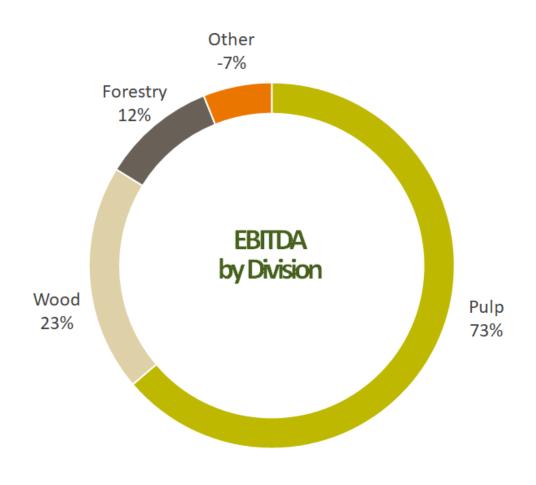
#### SOLID CAPITAL STRUCTURE

## **Adjusted EBITDA**

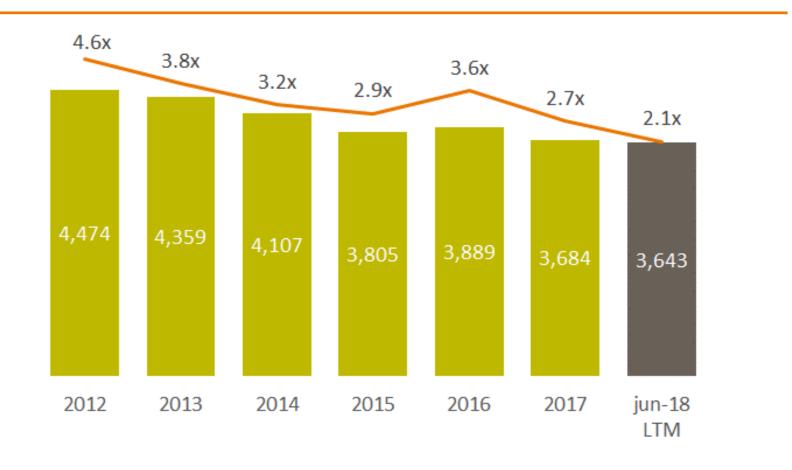


#### **CAPEX**





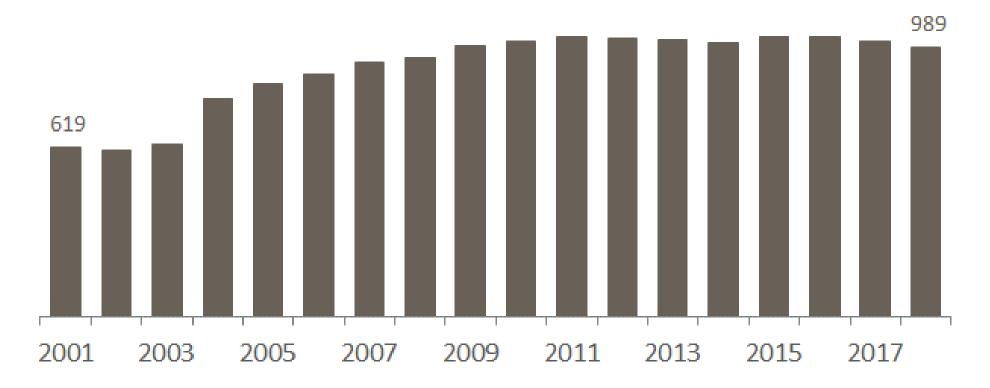
#### **Net Debt**



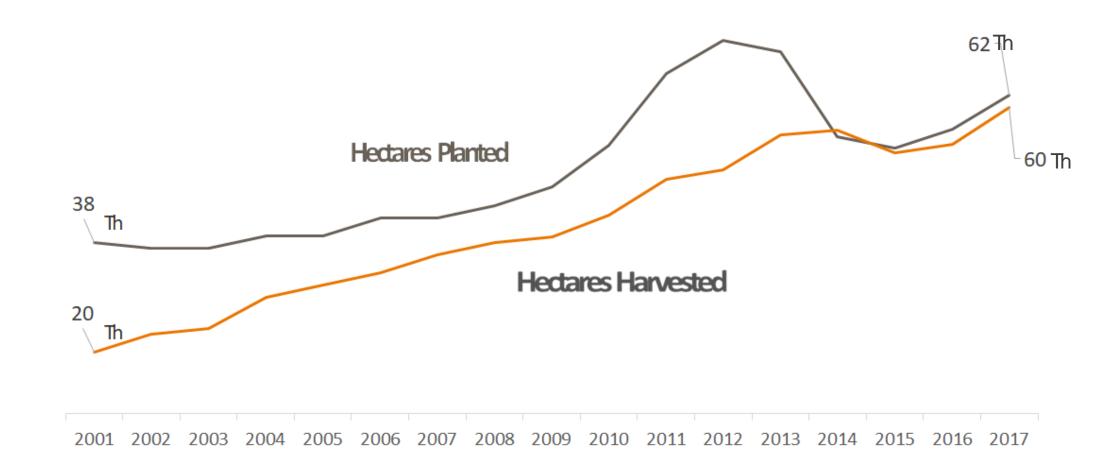


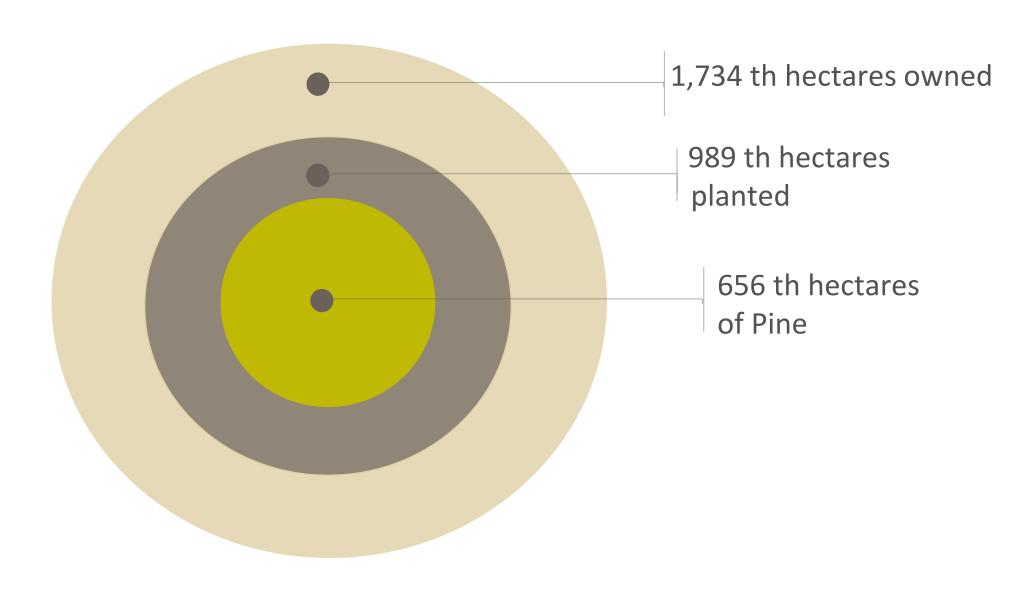
#### **FORESTRY:** THE BASE FOR GROWTH

#### **Total Plantations**



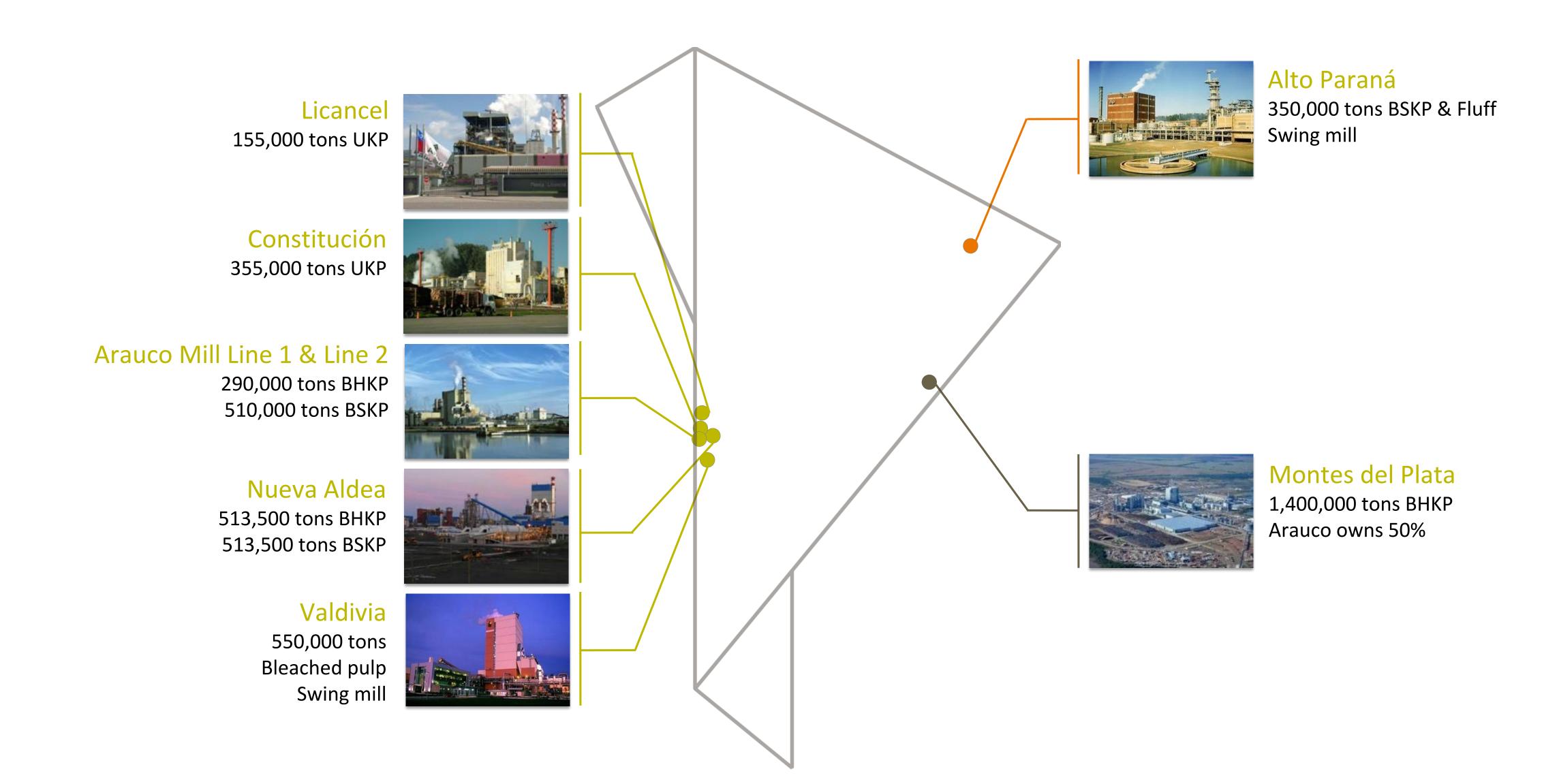
June 2018 In thousands ha.
Includes plantations in Chile, Argentina, Brazil and Uruguay





June.2018

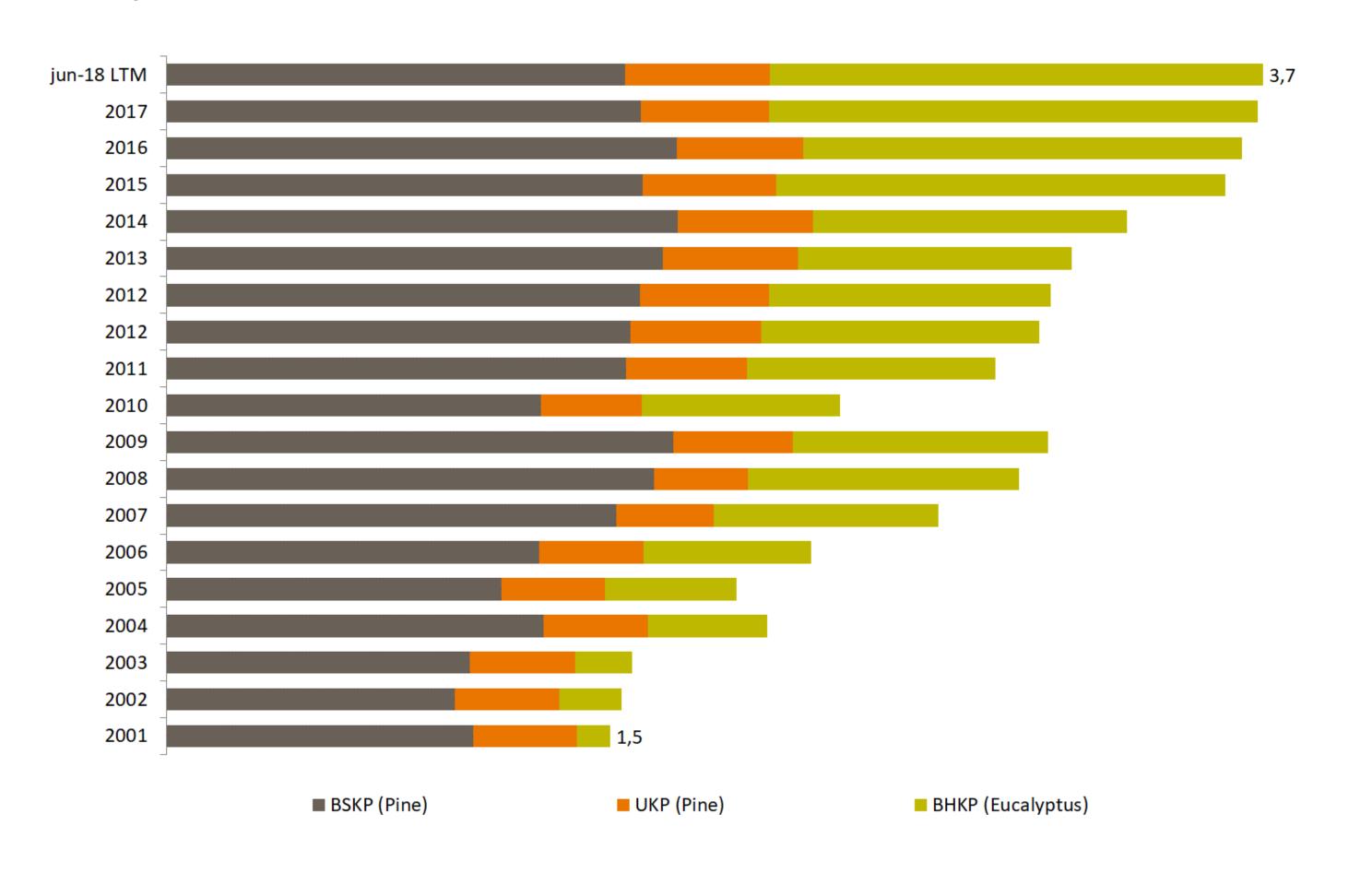
#### **PULP:** OUR PULP MILLS

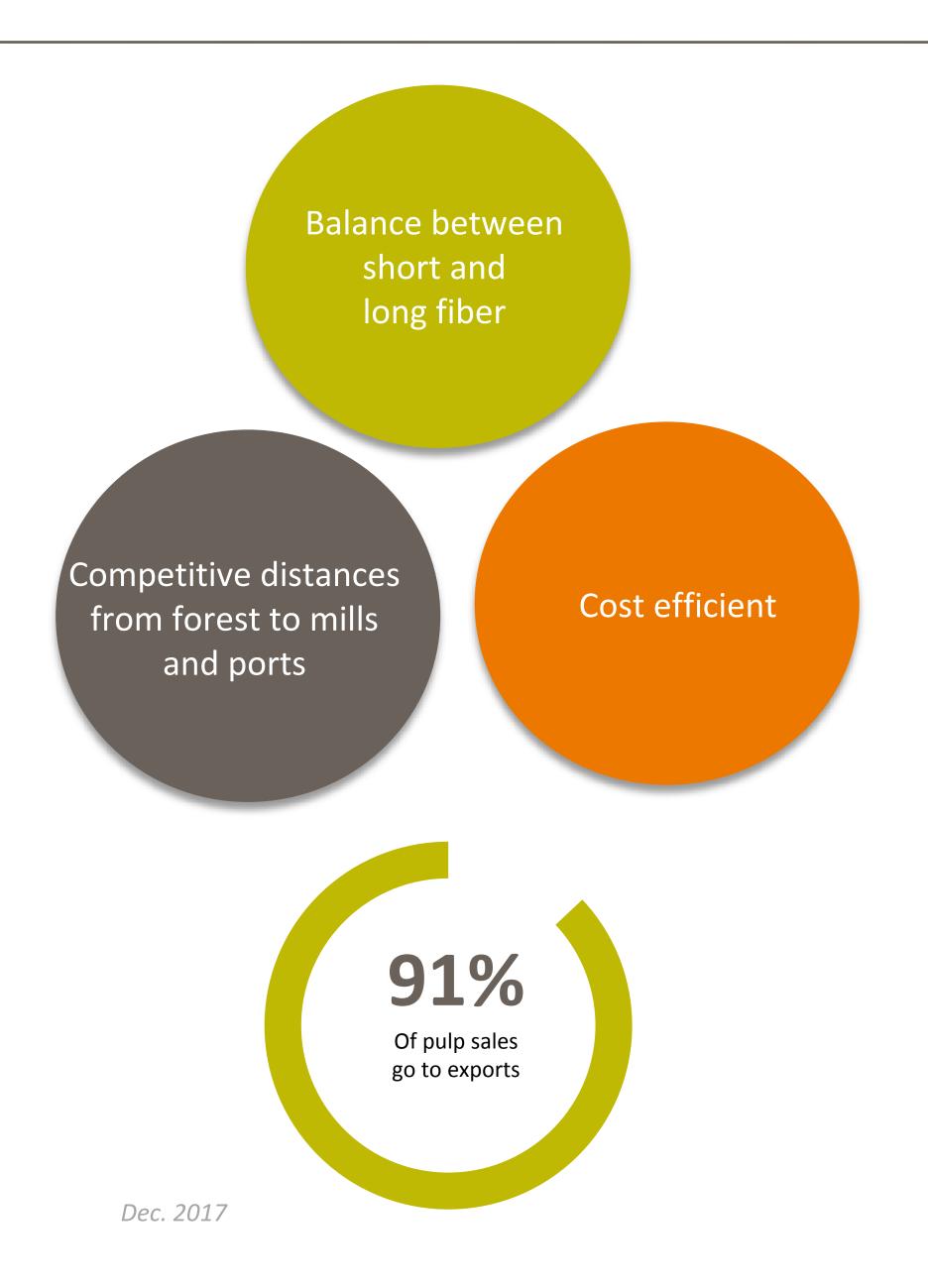


#### **PULP:** COMPETITIVE ADVANTAGES TO EFFICIENTLY SUPPLY THE MARKETS



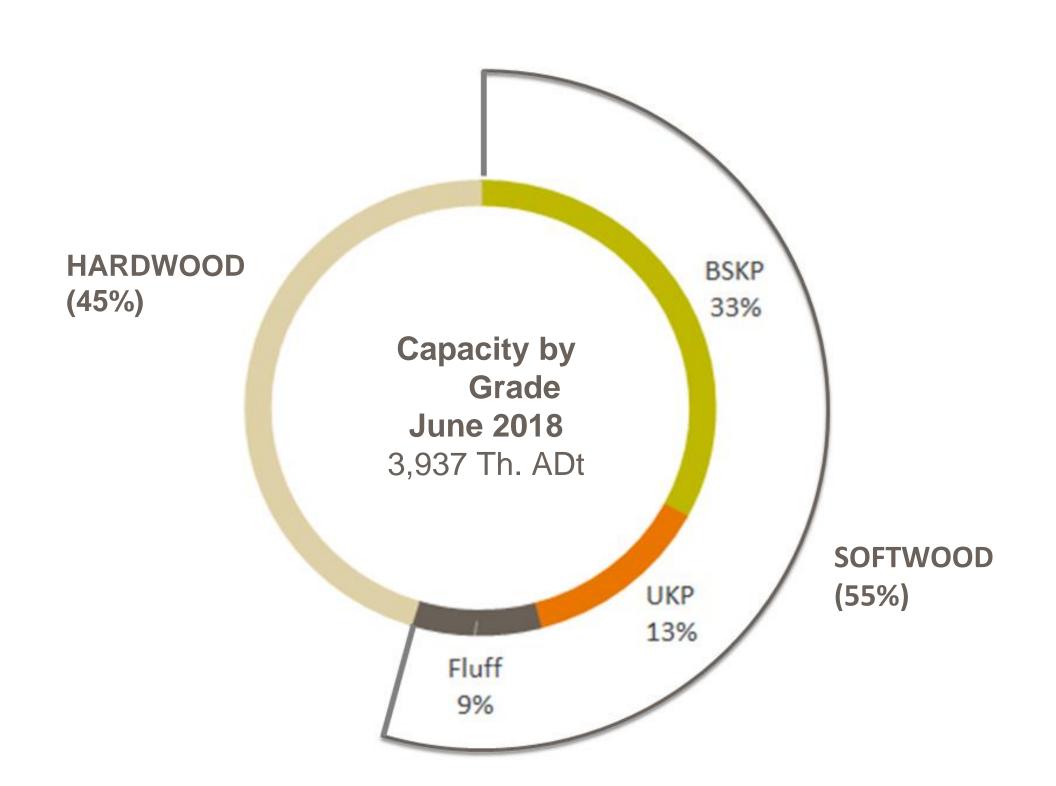
in million of AdT



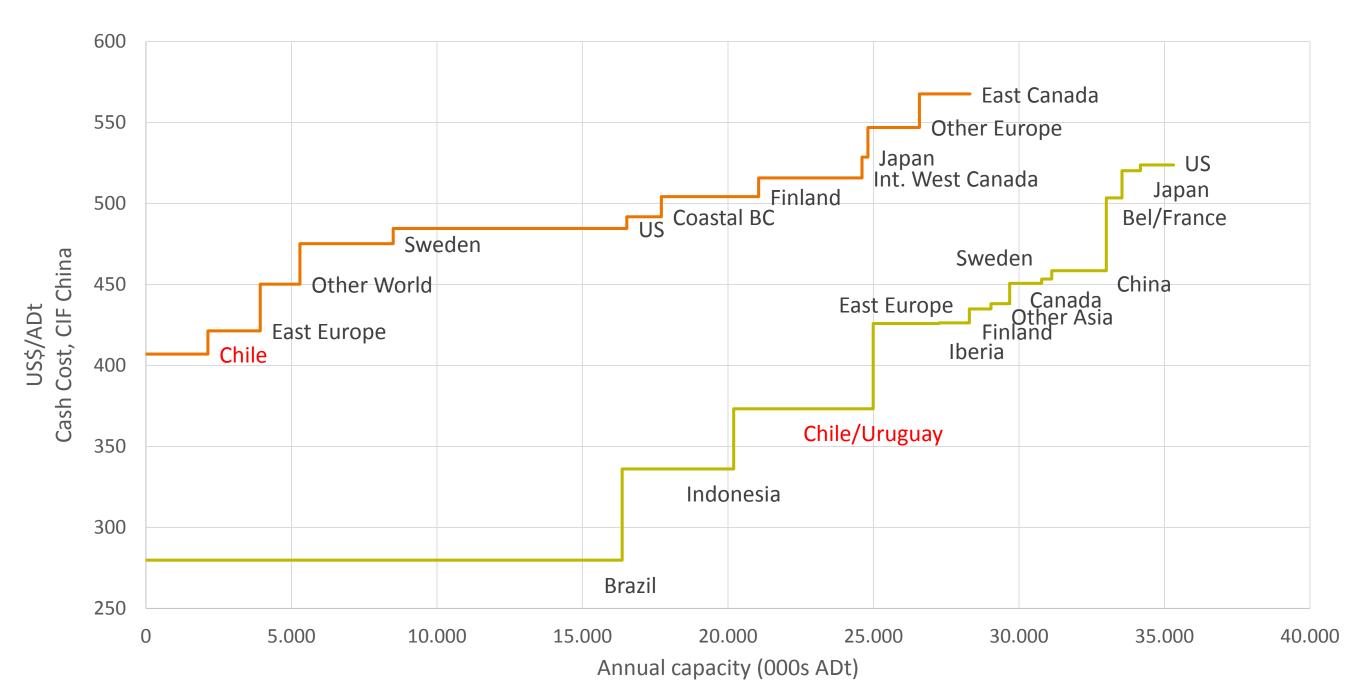


#### **PULP:** COMPETITIVE ADVANTAGES

#### Balance between short and long fiber



#### **Cost efficient**



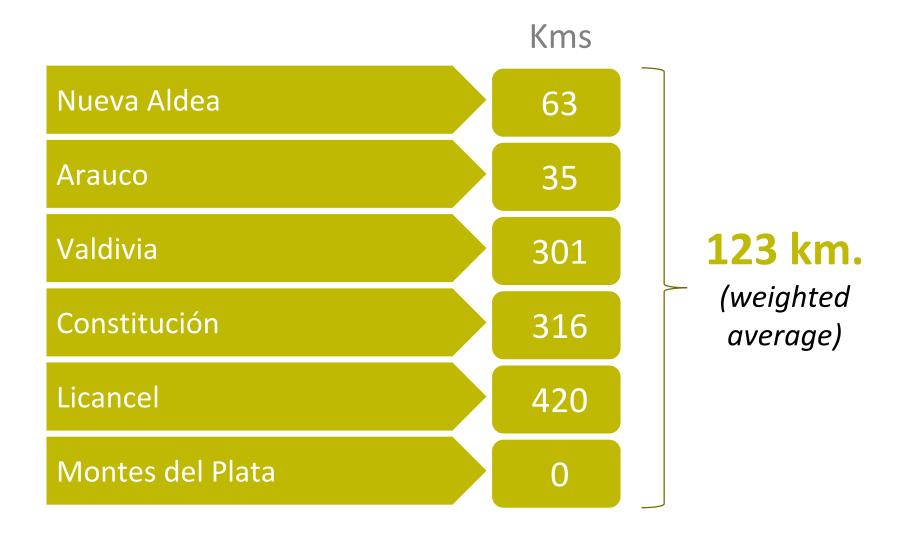
Source: Hawkins Wright, December 2017

BSKP
BHKP

#### Competitive distances from forest to mills and ports



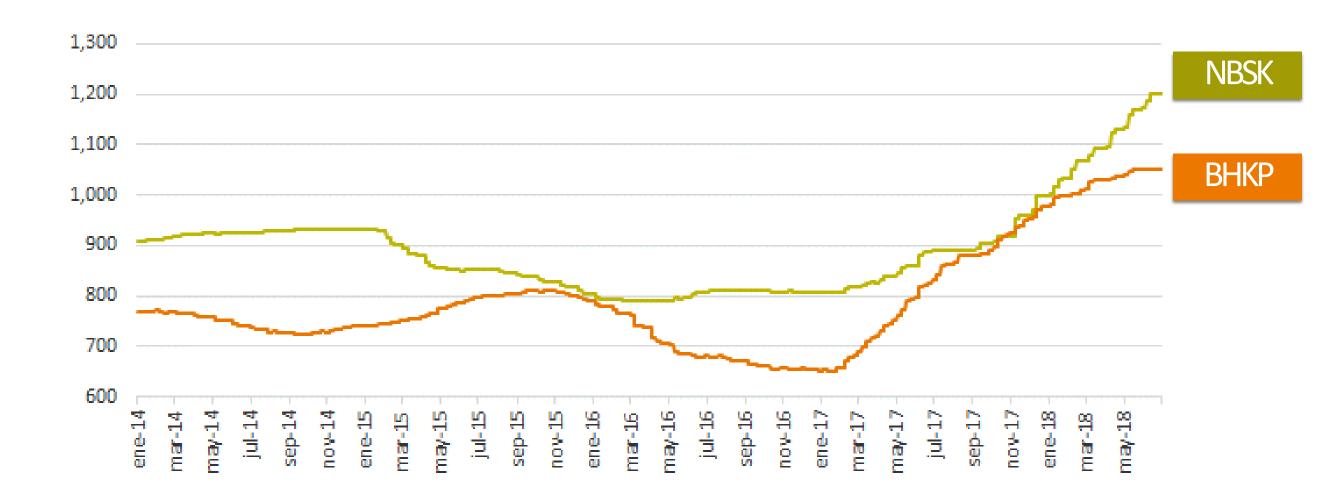




<sup>\*</sup>Does not include distance in Argentina since pulp sales are mainly inland.
Weighted average distance between our pulp mills located in Chile, Uruguay & Argentina.
November 2015

#### **PULP: PRICES AND DEMAND**

#### **BHKP and NBSK Indexes**



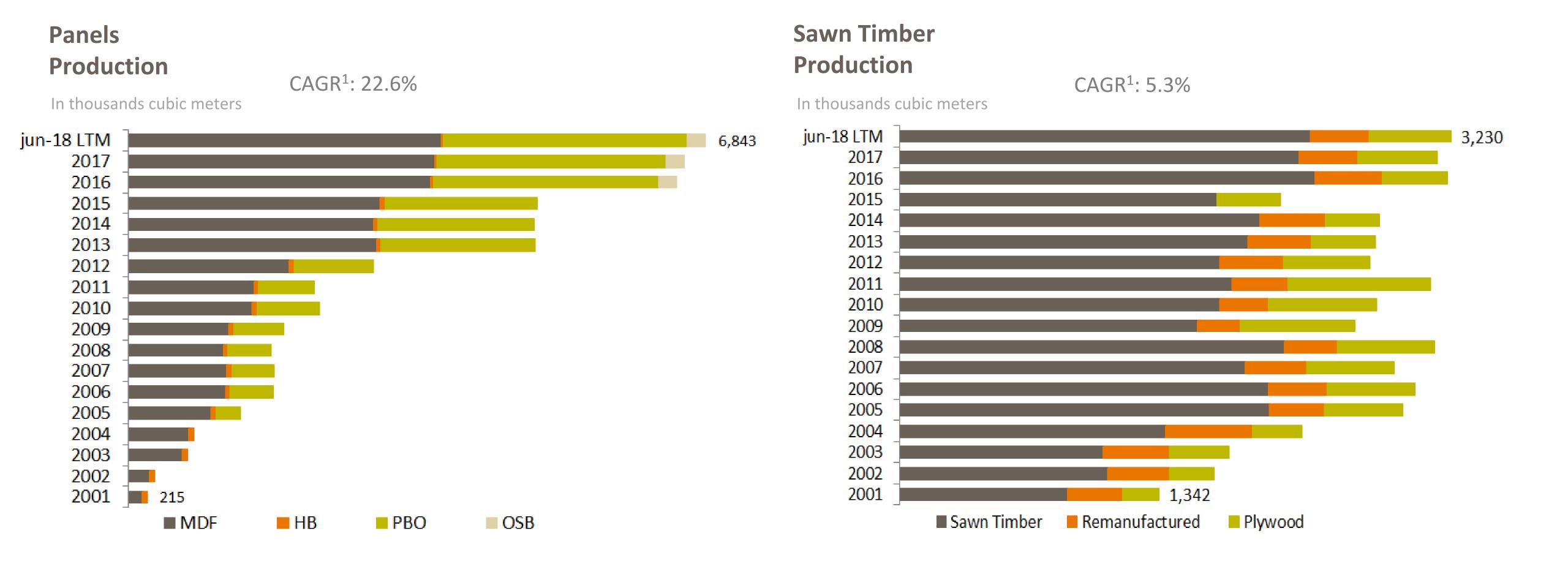
#### **Global Demand**

# Demand for bleached chemical pulp June 2018 vs June 2017 (YTD) In thousand tonnes

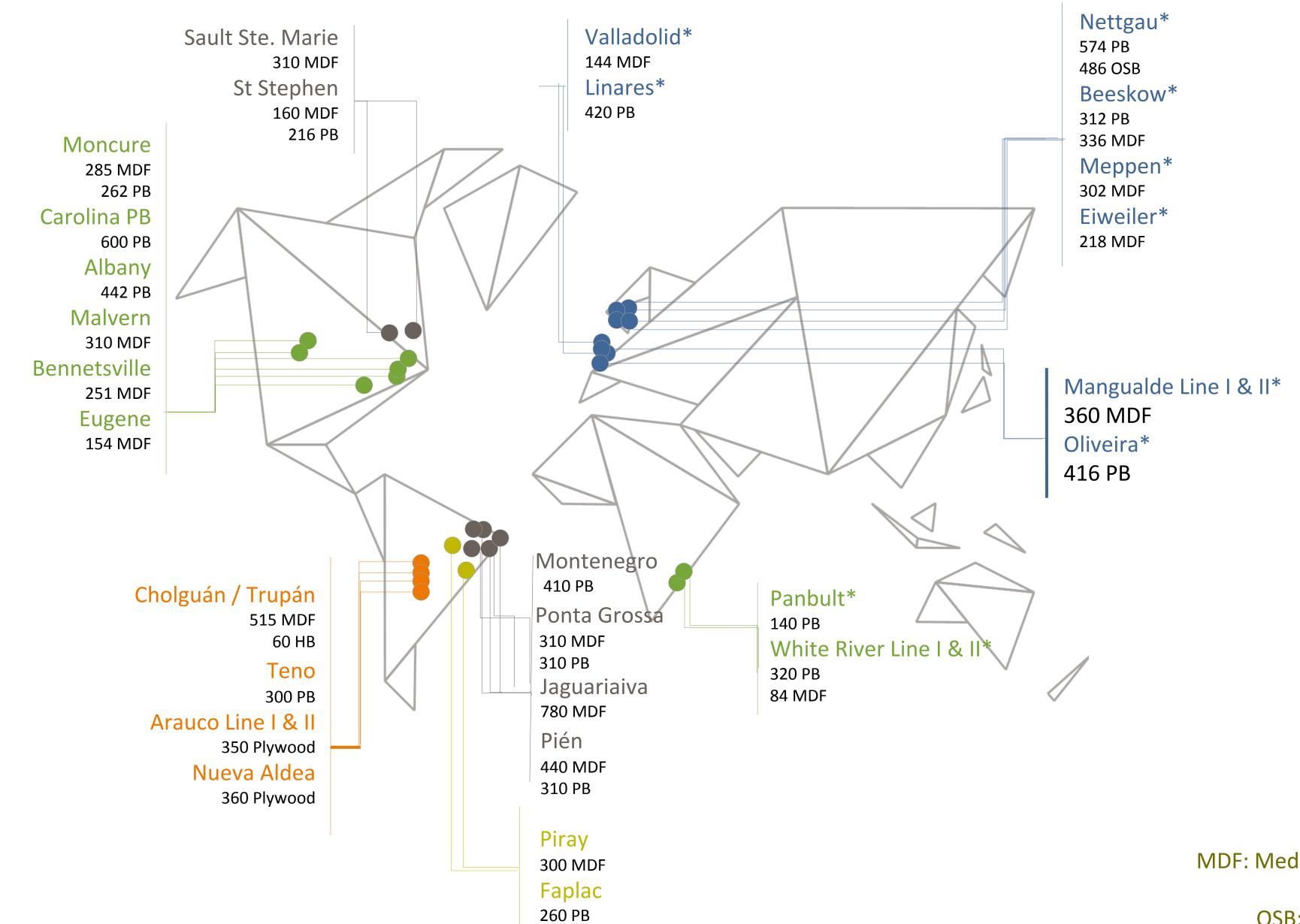
Destination	June 2017	June 2018	Δ	%
North America	3,755	3,590	- 165	<b>▼</b> -4.4%
West Europe	6,920	7,165	245	<b>▲</b> 3.5%
China	7,005	7,295	290	<b>4.1</b> %
Other	6,495	6,525	30	<b>0.5%</b>
W-20 Total BCP	24,175	24,575	400	<b>1.7</b> %

Source: Hawkins Wright

#### WOOD PRODUCTS: EXPANSION OF THE PRODUCT MIX



#### WOOD PRODUCTS: OUR PANEL MILLS



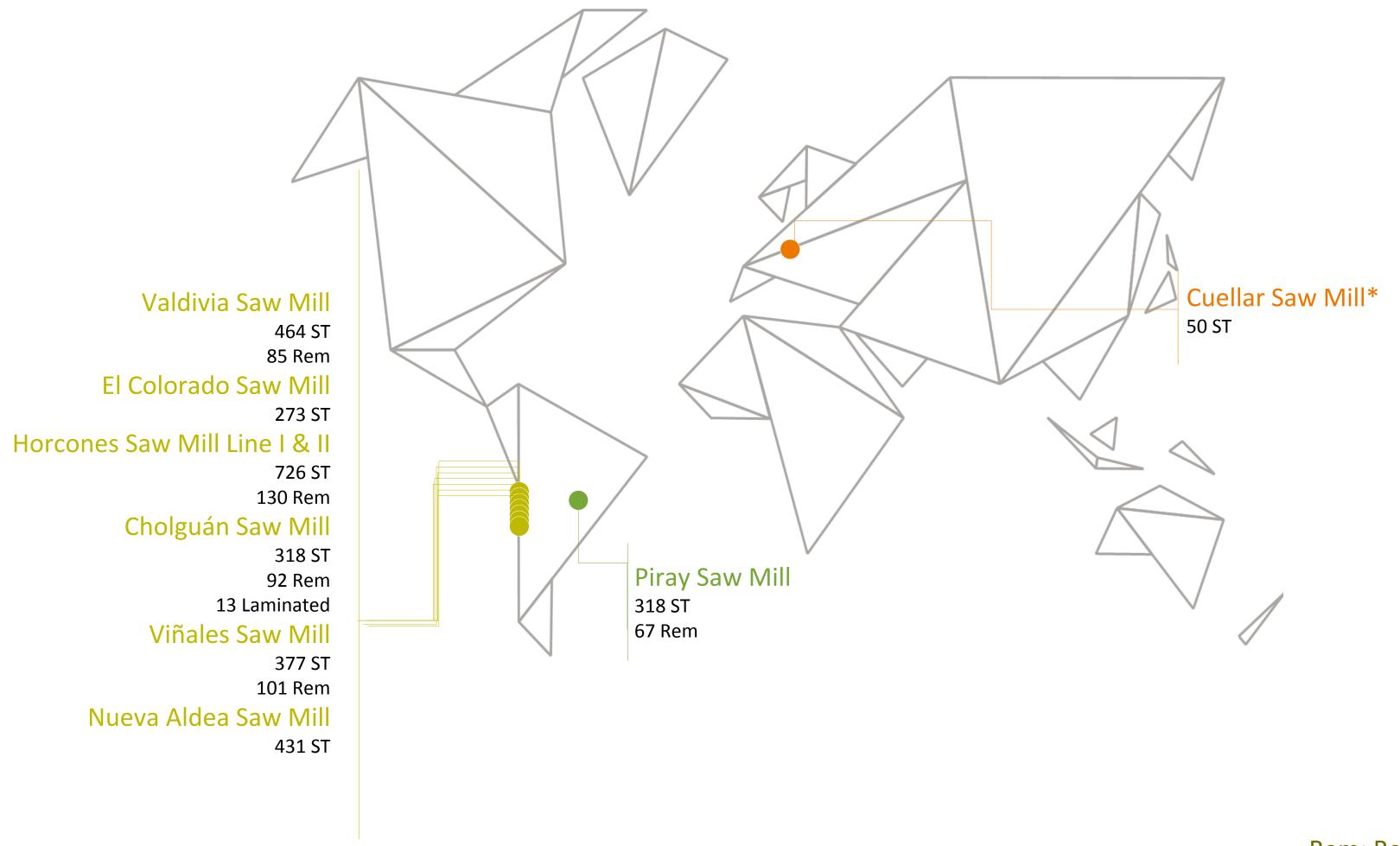
In thousand m3 June. 2018

\*Arauco owns 50% of Sonae Arauco

MDF: Medium Density Fiberboard PB: Particleboard

**OSB: Oriented Strand Board** 

#### WOOD PRODUCTS: OUR SAWN TIMBER MILLS

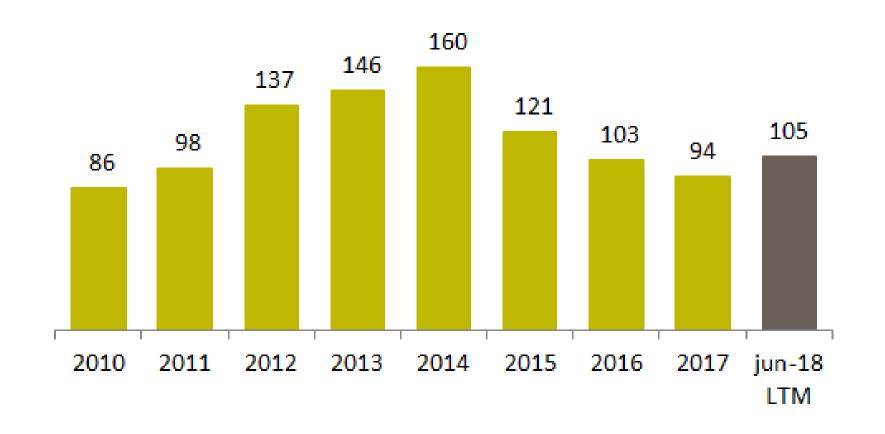


ST: Sawn Timber Rem: Remanufactured Wood Products

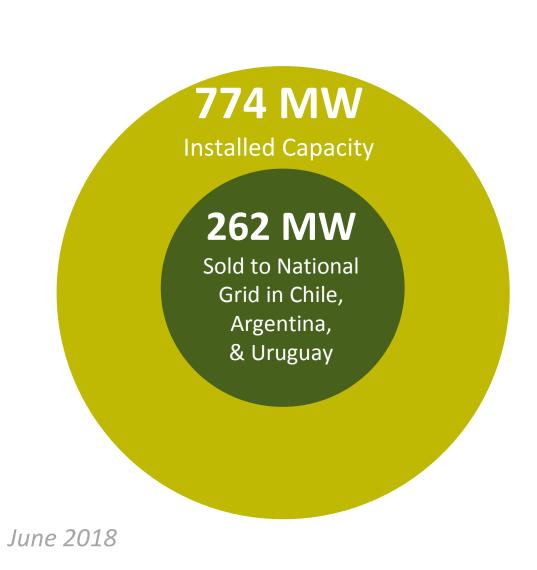
#### **ENERGY:** KEY PART OF OUR VALUE CHAIN

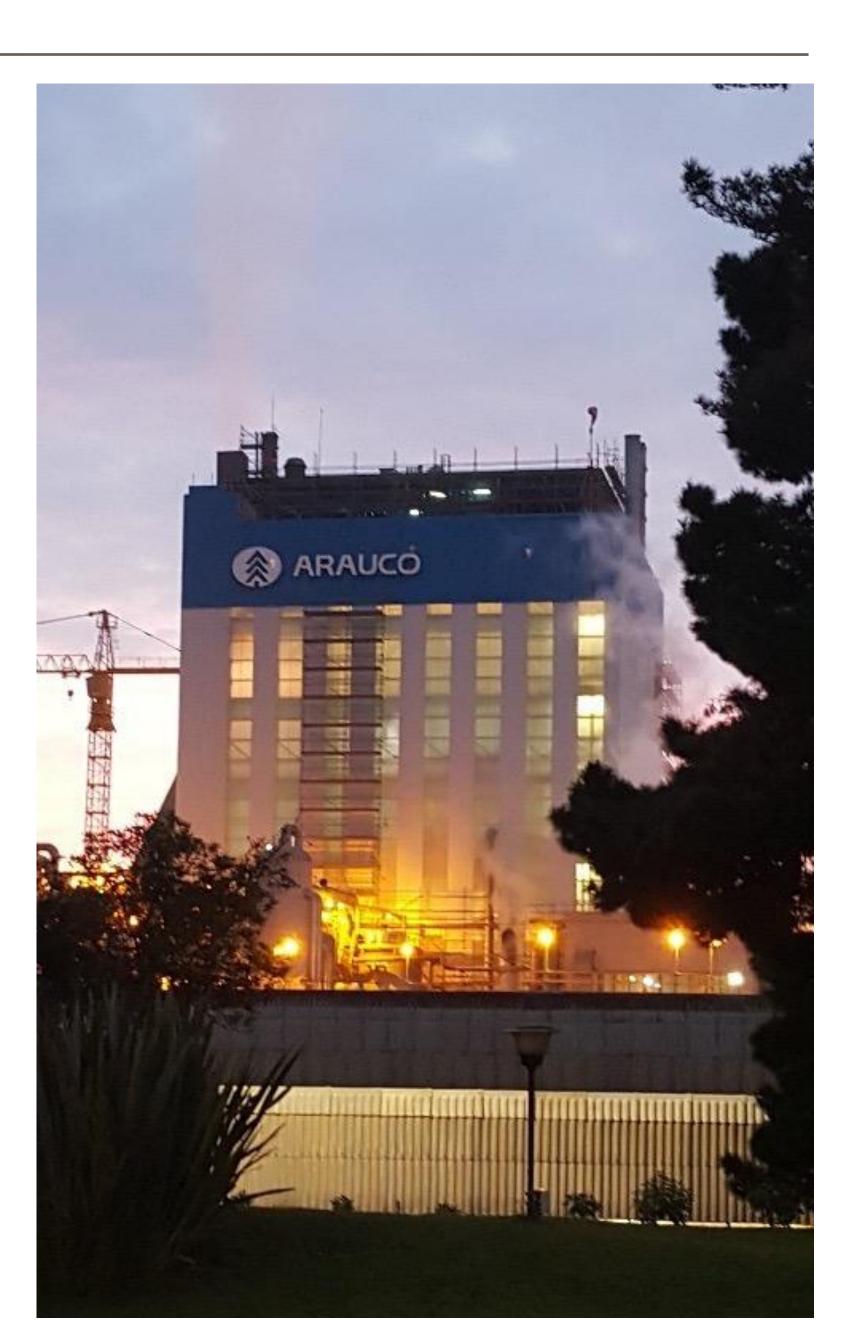
#### **Energy Revenues**

in US\$ million



- Renewable and environmental friendly energy
- Part of our production process
- Arauco is self-sufficient in net electricity consumption
- All cogeneration plants registered under Kyoto Protocol







Construction of a third pulp line in the Arauco Mill of 1.5 million Adt



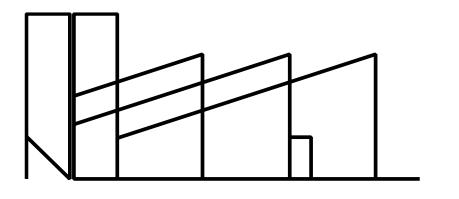
The project considers the shut down of Arauco's line 1 of 290,000 Adt of short fiber pulp once the new line is operating



The investment for this project could be approximately US\$ 2,350 million.

In July 2018, the Board of Directors approved the MAPA project

It is expected that the mill will start its operations during the second quarter of 2021.



#### DISSOLVING PULP PROJECT

The Valdivia mill, currently produces 550,000 AdT of paper grade pulp

Dissolving pulp is a product used in the textile industry as an alternative of cotton

Arauco would be the pioneer in disosolving pulp production in Chile.



US\$185 million in estimated investment for brownfield project

It will provide flexibility to produce either dissolving or paper grade

As of July, 2018 the construction phase goes as planned with 31% of construction

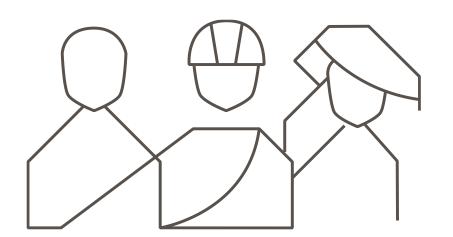


- Located in Grayling, Michigan
- Annual production of 800,000 m3 of MDP
- The investment of this mill is estimated at US\$ 400 million



As of August, 2018 the construction phase goes as planned with 80%.

Rollout of the first panel is expected to occur during the latter part of 2018



#### ARAUCO ACQUIRES PANOLAM ASSETS IN OREGON

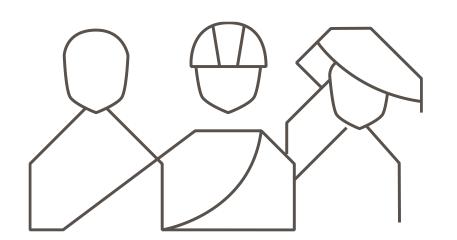
In July 2018, Arauco North America announced the purchase of Panolam's industrial assets

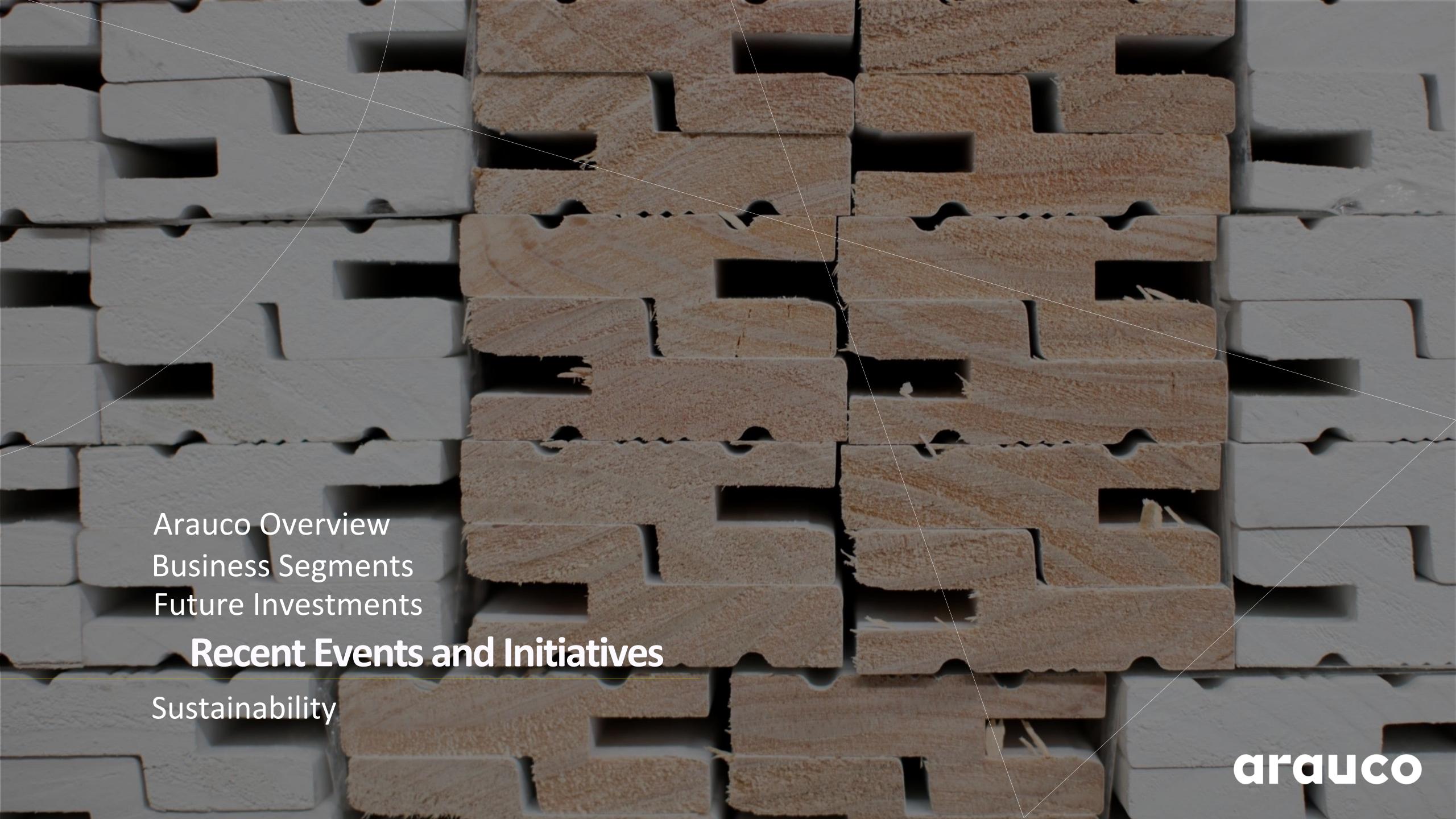
The transaction price was approximately US\$ 13.3 million plus Cost of inventory of approximately U.S.\$ 3 million



The main assets include two thermally fused laminations lines wth an annual installed capacity of 212,000 m3, as well as two impregnation lines and warehouse capacity.

Panolam assets are in a strategic location, 10 km from our Duraflake mill and 77 km from our Eugene mill





#### ACQUISITION OF MASISA MEXICO

In December 2017,
Arauco agreed to acquire
Masisa's Mexican
subsidiaries

Transaction price for approximately U.S.\$ 245 million

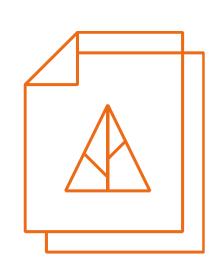
Main assets consist of three industrial complexes located in Chihuahua, Durango and Zitácuaro in Mexico



Total installed capacity of:

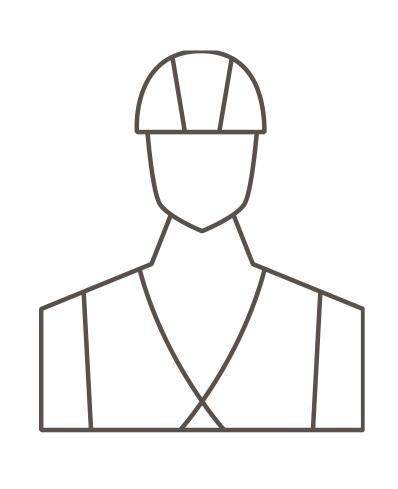
- 220,000 m3 of MDF
- 519,000 m3 of PB
- 426,000 m3 of melamine
- 66,000 tons of resins
- 60,600 tons of formaldehyde
- 22.8 million m2 of impregnation lines

The transaction is subject to a series of conditions precedent, customary in this type of operations, with the most relevant one being the approval by the Mexican antitrust authority.

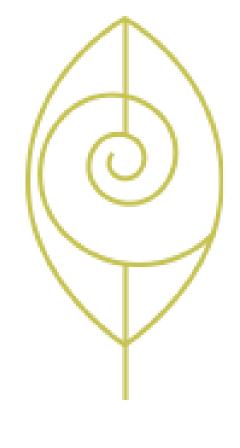




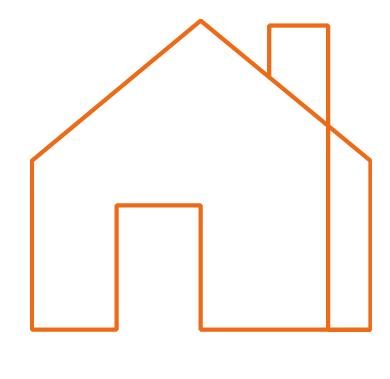
Arauco is committed to the occupational health and SAFETY of its workers, to the ENVIRONMENT and to the welfare of the COMMUNITIES in which it operates



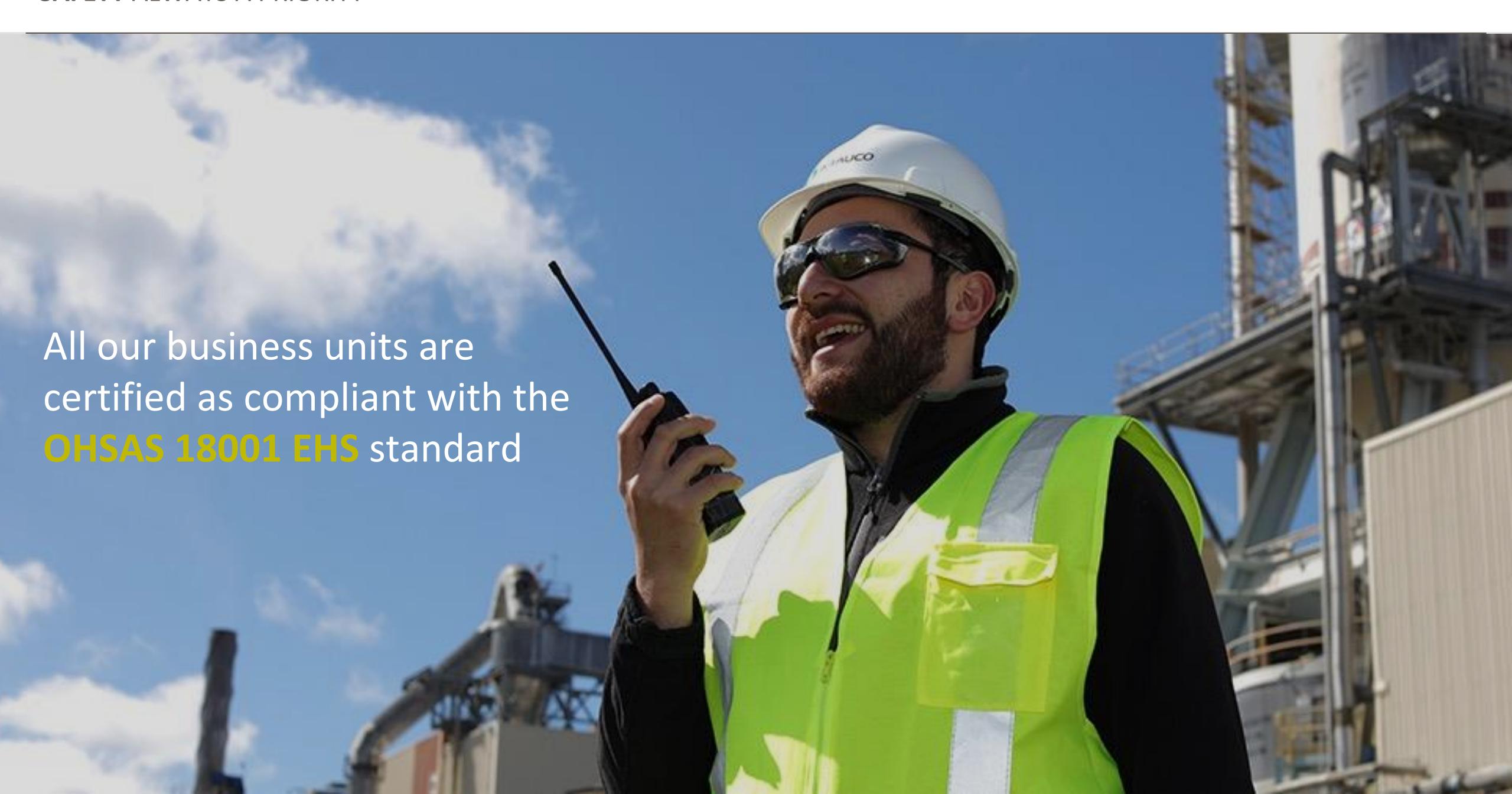
SAFETY



**ENVIROMENT** 



COMMUNITY
PARTICIPATION & DIALOGUE



# Our plantation forests are **CERTIFIED** to **INTERNATIONALLY RECOGNIZED STANDARDS**

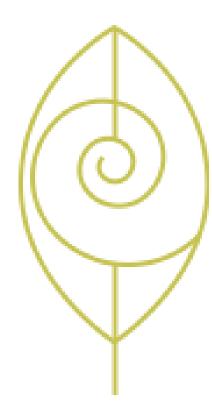
We **DO NOT** source native forests or protected species

We **PROTECT** more than **431,000 HECTARES** (1,000,000 acres) of native forest in permanent conservation set-asides

During 2017 we invested **US\$** 89 **MILLION** in environmental improvements

We apply widely accepted **INTERNATIONAL SCIENTIFIC STANDARDS** to our silviculture.

We **DO NOT** use genetically modified plants.

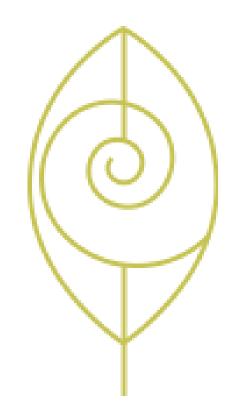


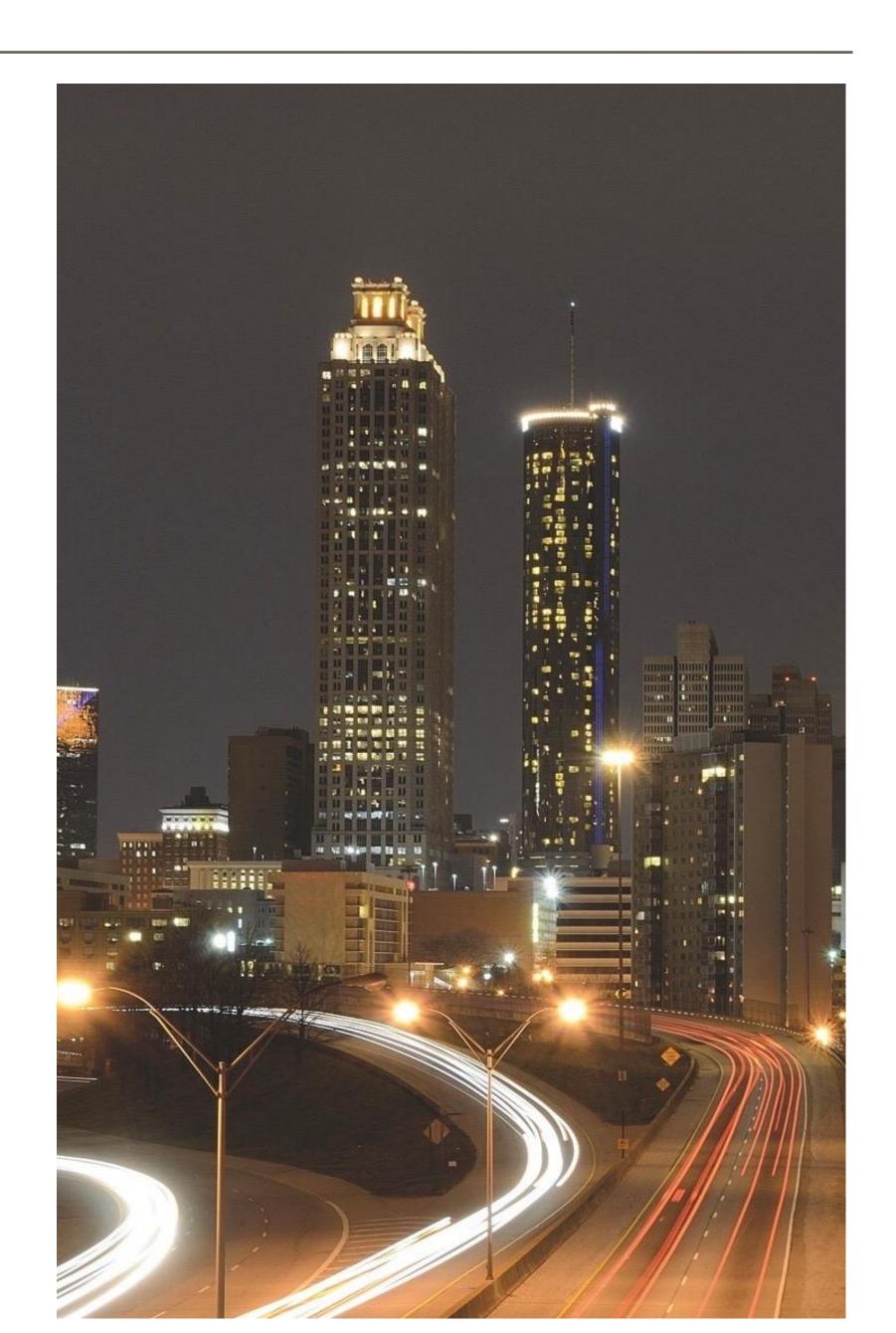


#### **ENERGY**

ARAUCO decided over twenty years ago to produce **CLEAN ENERGY** from forestry biomass arising from nature's virtuous cycles
In addition to substantially meeting the needs of its own industrial facilities,
ARAUCO can provide a up to **262 MW OF SURPLUS ENERGY** to the SIC,
Chile's national energy grid

The company has six cogeneration power plants in Chile and one in Uruguay registered as greenhouse gas (GHG) emission-reduction projects with the Clean Development Mechanism (CDM) of the **KYOTO PROTOCOL**This allows ARAUCO to annually **OFFSET 500,000 TONS** of **CO2e** 





# #renovaciónforestal

# **REDUCE PROPAGATION & FACILITATE COMBAT**

Structural protection network with fuel cutters and more roads



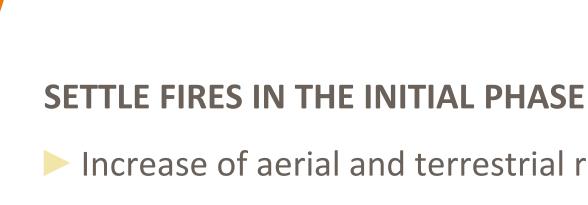


# **DECREASE FIRE OCCURRENCE**

- Local committees in 300 zones
- Work integrated with other companies and institutions

#### PROTECT INHABITED AREAS & INDUSTRIES

Protection belt with buffer strips and firewalls near communities



- Increase of aerial and terrestrial resources
- "Never arrive after 20 minutes"
- MMUS\$\$10 additional investment

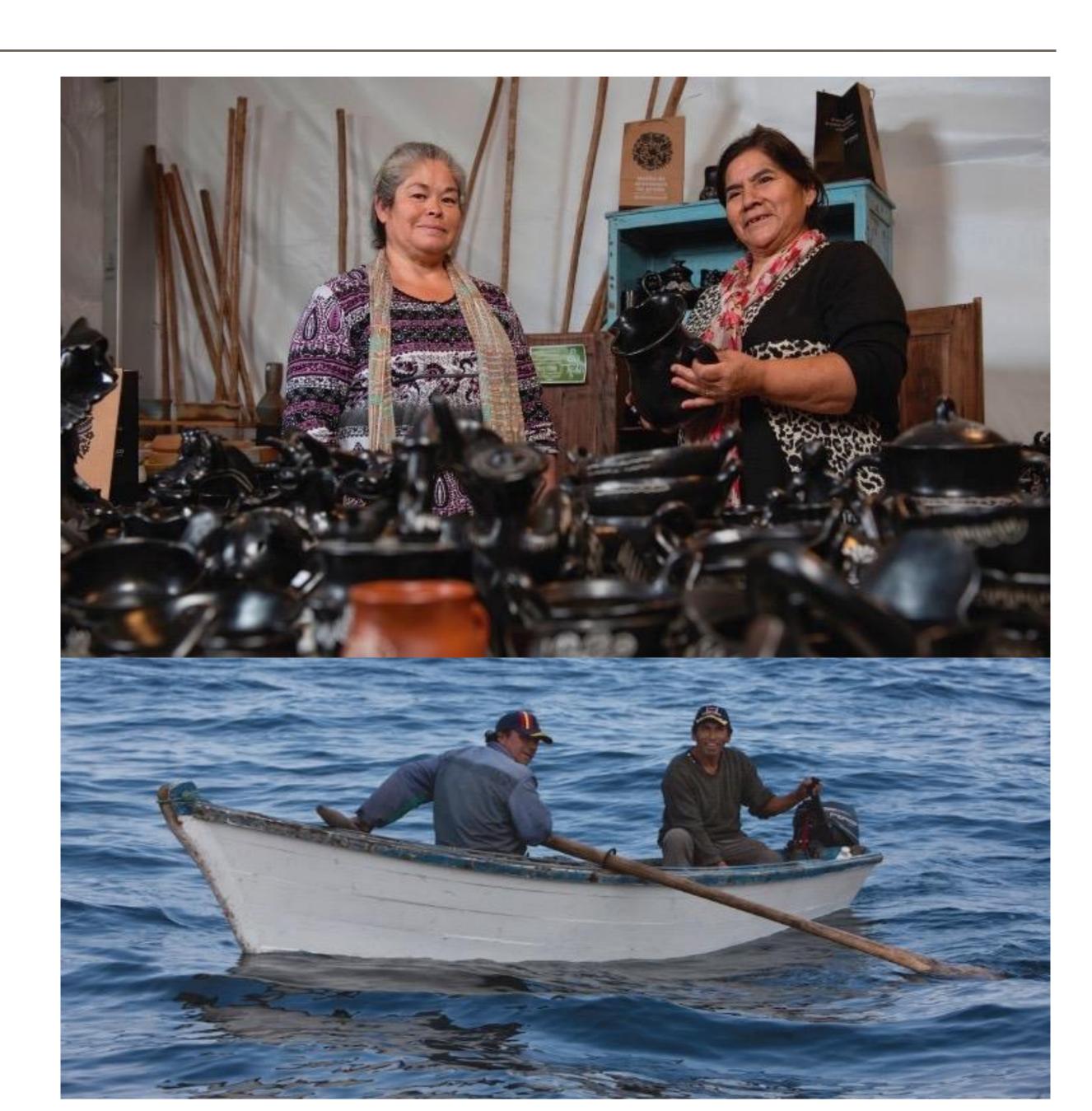
#### **CONTRIBUTING TO COMMUNITIES**

Our operations directly benefit more than **14,000** workers and indirectly other **21,000** workers through our contractors.

WE RESPECT LOCAL COMMUNITIES and CONTRIBUTE TO THEIR

DEVELOPMENT through responsible management of our operations and the implementation of initiatives that generate value based on a method that fosters dialogue and participation.





## COMMUNITY, PARTICIPATION & DIALOGUE

#### ARAUCO EDUCATIONAL FOUNDATION

- 26 YEARS PRESENT in communes where we operate in regions Maule, Bío Bío and Los Ríos
- The purpose is to DESIGN, IMPLEMENT AND ASSESS teacher-improvement programs

#### **CAMPUS ARAUCO**

- Center for Higher Education and Training for employees, based on an INNOVATIVE ACADEMIC METHOD that combines the educational process with on-the-job work experience
- Campus Arauco offers 4 TECHNICAL CAREERS for more than 660 STUDENTS, and over 200,000 ANNUAL HOURS of training for ARAUCO employees and service-providing business employees





# **SUSTAINABLE RECONSTRUCTION PLAN (PRESS)**

- SUSTAINABLE RECONSTRUCTION PLAN for the city of Constitución, that was devastated by the earthquake and tsunami on February 27, 2010
- The PRES Plan encompasses **28 PROJECTS** that are in different stages of development

# HOUSING PLAN FOR WORKERS (HPW)

- This program promotes the construction of houses and housing units with a HIGH TECHNICAL and SOCIAL STANDARDS for company employees and their neighbors
- 9,000 houses will be built between 2013 and 2017





#### **ACERCAREDES FOUNDATION**

- NON-PROFIT ORGANIZATION established in 2011 under ARAUCO's innovation area
- AcercaRedes operates based on Hubs: a network of offices that ATTRACT,
   CONNECT and CENTRALIZE to promote the local development of areas located far from urban centers
- Today there are hubs operating in MARIQUINA, CONSTITUCIÓN, and CURANILAHUE

#### **ARAUCO CULTURAL CENTER**

- The **2010 EARTHQUAKE** caused structural damage to the local theater and the municipal library
- Arauco decided to build the cultural center to replace the damaged buildings
- The center is 1,400 SQUARE METERS, which includes the library, theater, reading rooms and public spaces





