



March 2016

CMPC Forestry and Pulp Division

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Now integrated Page 03



New investments

at CMPC Celulose Riograndense Page 04

Communal projects incubator

IATA PINE

11019

achieved 14 successful initiatives Page 08



Welcome

Dear Friends

This year will be very challenging for all of us. The financial and political uncertainty that the world is facing right now, has changed the outlook of our markets, and had made everyone unsure of what to do next.

We have seen pulp prices fall sharply in the last few months, exchange rates move in different directions and credit risk start to become a very relevant problem. We all hope that this will be temporary, and that the relevant actors across the world will take the necessary decisions to make the world a more balanced place where we can work without so many worries.

As from the 1st of January 2016, CMPC decided to bring together the Pulp and Forestry businesses in one company, in order to be more effective in this very competitive industry. Pulp originates in the forest, so it is important to align our goals from the forest to our final customer.

This restructuring coincided with the retirement of our CEO, Washington Williamson, who was at the helm of CMPC for the 5 years in which we built our Guaiba 2 line and successfully introduced its pulp to the market. We will all miss Washington as he leaves many friends in the industry, and we wish him luck in this new stage of his life.

Washington has been succeeded as CEO of the joint Pulp and Forestry company by Francisco Ruiz-Tagle, who was the former CEO of CMPC Forestry. Francisco has wide experience in the pulp and paper world as he has held positions in CMPC in the Pulp, Financial, Paper and Forestry sectors, so he is very well qualified to take the helm of this new company.

All this, and other interesting news is covered in depth in this edition of our newsletter. We hope you enjoy it and that we have succeeded in letting you know more about our company.

Best wishes to you all,

Guillermo Mullins Pulp Sales & Marketing Director

Contents





CMPC Forestry and CMPC Pulp

Operations aligned

Since 1 January 2016, the CMPC Forestry and Pulp areas have been functioning as an integrated business unit. This corporate reorganization is aimed at achieving greater efficiency and maximizing an integrated vision of Empresas CMPC's forestry and industrial resources in order to ensure greater alignment with the global strategy. Francisco Ruiz-Tagle, previously the CEO CMPC Forestry, has taken on the leadership of the integrated company. Washington Williamson, the former CEO CMPC Pulp, has left the company, given the corporate strategy for generational change once an executive reaches retirement age.

NEW ORGANISATION

Francisco Ruiz-Tagle, Chief Executive Officer

Eckart Eitner, Development Director

Guillermo Mullins, Pulp Sales & Marketing Director

Raimundo Varela, Supply Chain Director

José Antonio Correa, Administration Director Roland Haemmerli, Pulp Operations Director

Walter L. Nunes, Managing Director CMPC Celulose Riograndense

Pilar Oñate, Human Resources Director

Eduardo Hernández, Forestal Mininco Director

Hernán Fournies, CMPC Maderas Director



Annual sales for the new integrated unit (Figures for the LTM as of September 2015)

43%

Contribution from CMPC Forestry and CMPC Pulp to consolidated sales of Empresas CMPC (Figures for the LTM as of September 2015)



Guafba Mill We continue optimising

We are making adjustments and new investments to increase the total capacity of the Guaíba Mill and to continue improving efficiency and environmental performance.

The Guaíba Mill finished 2015 with successful completion of the Line 2 expansion project, following the investment of US\$2,100 million. After a sixmonth learning curve period, which started in May 2015, Guaíba 2 began operating at its design capacity of 1.3 million tons of BEKP pulp and in accordance with quality certifications ISO 9001 and ISO 14001.

During 2016, the company will invest a further US\$50 million in the modernisation of Line 1, in order to optimise its environmental performance and the use of chemical products. Furthermore, adjustments will be made to bring the total capacity of the complex to 1.8 million annual tons of BEKP pulp.

MODERNISATION OF LINE 1

With Line 2 standards as a reference, the investments in Line 1 include the replacement of equipment and improvements to the recovery boiler, evaporators and lime kiln, as well as the elimination of potassium chloride and the installation of precipitant systems.

The incorporation of new technology at Mill 2 has already reduced the total water consumption by 40%, even though final production has quadrupled, thanks to the reutilisation of water in the chemical processes.

POWER GENERATION

The complex is moving towards self-sufficiency in power generation from biomass, with a generation capacity of 220 MW. Both lines together will use 190 MW, leaving a surplus of 30 MW (enough power to supply a city of 300,000 inhabitants), which will be sold to the public system.

ADJUSTMENTS TO LINE 2

While the modernisation of Line 1 takes place, Guaíba 2 will undergo adjustments and alignments during July. This optimisation is related to the digester and the delignification and bleaching processes; it will have a positive impact on the pulp quality.

IMPROVEMENTS AT THE PUBLIC PORT

In parallel with these adjustments and alignments, CMPC Celulose Riograndense is investing around US\$5 million at Puerto de Pelotas in the installation of truck weighing and scanning systems, and in drainage and illumination for the wood handling and provision areas.

The Eucalyptus wood used at Guaíba, which is produced in the southern part of the state of Río Grande do Sul, is sent by road to Puerto de Pelotas. From here the company transports it by water in barges with a total transport capacity of 4,000 tons of wood logs. On an annual basis 1.2 million tons of Eucalyptus logs will be moved through the new terminal at Puerto de Pelotas, corresponding to 20% of total log consumption for the mill. The use of the river way for the transport of wood between Pelotas and Guaíba will eliminate 180 complete daily road journeys, and the wood drainage operation in the port

will generate approximately 800 new jobs.

The pulp to be exported will be shipped through the port of Rio Grande, which will receive 1.7 million tons of pulp annually.

OPENING OF PRIVATE ACCESS ROAD

To finish the transport logistics cycle, the company has also invested around US\$15 million in the opening of a new access road to the Guaíba mill, used exclusively for the transport of wood and building materials. From December 2015, the trucks entering and leaving the industrial complex, have been gradually transferring to the private access road, which is a stretch of 4.3 kilometers and a direct link between federal highway BR16 and the industrial zone.





"We will incorporate new technologies into Line 1 to allow a reduction in water consumption"

> Walter Lidio Nunes Managing Director CMPC Celulose Riograndense



annual tons BEKP will be the total capacity of the Guaíba Mill



will be invested in Line 1



Customer service

An R & D objective

During 2015 technical assistance projects and specialised refining studies were carried out, closely copying real manufacturing conditions for the paper industry.

As per the CMPC Pulp strategic agenda, during 2015 we made progress with the development of our value proposal based on the concept of Fibre Basket + Services, through an intense program of client visits in Europe, Asia, America and the Middle East. This allowed us to make proposals for the optimisation of fibre use, with support from our Research & Development Centre.

PRINCIPAL DEVELOPMENTS

In 2015 we intensified the use of the pilot refiner installed at our R & D Centre for the evaluation of market pulps and for carrying out furnish studies focused on identifying the optimum mix of fibres in terms of both quality and the associated costs. With this aim, and the help of new equipment and simulation tools, we drew up a Market Short Fibre benchmark, trying to get as close as possible to real client operational conditions. The benchmark was structured according to various types of paper (graphic paper, tissue, cardboard and speciality) and considered different stages of the papermaking process: refinability, drainability, dryability and papermaking ability.

The technical assistance projects were related mainly to: the substitution of long fibre with short fibre; separated refining versus co-refining; comparative analysis of fibres to optimise the furnish of speciality papers; and the benefits of Eucalyptus in the tissue and graphic segments. For 2016 we are planning new initiatives. These include: 100% BEKP Tissue, Structured Tissue, Radiata Fibre Development, Finebar Developments and Recycled versus Virgin Fibres.

06 — CMPC Pulp news





"We are focused on improving our knowledge of fibres for the benefit of our customers, in accordance with the tendencies currently predominant in the paper industry."

> Raúl González Manager of R & D, Quality and Projects CMPC Pulp



Community interest

We are supporting social initiatives undertaken by community organisations in the areas near our mills in Chile, through a project incubator.

At the end of the second year, 14 projects developed with the support of CMPC Pulp had obtained financing for their execution in public funding tender processes. This figure doubles the number of community interest initiatives in Nacimiento, Laja and Mininco that managed to obtain state funding in 2014. The CMPC Pulp incubator provides a full-time professional who gives assistance at each stage of the project (creation, application and development of the proposal), applying a work model that integrates the detection of local needs, participative design and training.

Forty organisations from communities in which CMPC Pulp mills operate in the country received support from the incubator during 2015.







CULTURE AT EVERYONE'S REACH

Three projects that were successful with their applications are related to culture. One of them is the first Nacimiento Book Reading Fair. Its objective is to raise the reading level among inhabitants of the municipal district, through the creation of a "Friends of the Library Club" and open activities for local people in the Biobío District. Another project involves presentations by music and theatre groups and exhibitions of local crafts, which will form part of the Celebration of the Anniversary 252 of Villa Mininco. This is the second time the Celebration will take place and it is designed to continue promoting the revival of rural and local traditions. Also taking place in the same area will be the First Inter Community Folklore Gathering, bringing together for a week different musical groups.

SPORTS FOR ALL

Regional Development Funds for Sport were won by three projects: a yoga, pilates and dance workshop for elderly adults; the first intercultural baby football championship; and a physical activity and health workshop for elderly adults. The last two projects are based in the Collipulli area.

SAFETY AND SOCIAL HARMONY

There were also successful projects presented by community groups from Nahuelbuta, Villa Las Araucarias and Laja, representing in total 340 members. The projects are aimed at improving personal safety through conflict mediation led by teams of lawyers and social workers.

ORGANISATIONAL STRENGHT

Projects developed by residents associations in Mininco and Laja received the funds they need in order to operate as organisations. The financing will allow them to improve their knowledge of the regulations that apply to their activities, and will provide the equipment needed at their headquarters, as well as materials for holding workshops. US\$ <mark>82</mark> thousand

obtained by community organisations supported by our project incubator in 2015

40 organisations received our assistance over the last year

CMPC News

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WE CELEBRATED GUAÍBA 2 TOGETHER WITH OUR CUSTOMERS

We got together with our customers in Europe at the London Transport Museum to officially announce the start-up of Guaíba 2. Nearly 150 guests attended the event, which took place on 11 November 2015. We were able to spend a very pleasant evening with our customers, and to tell them about the potential of this new productive unit for their respective businesses.

In the name of the company, the Sales & Marketing Director of CMPC Pulp, Guillermo Mullins, thanked all of those present for their participation in the event. Then, the Chairman of Empresas CMPC, Eliodoro Matte, asked the event participants to consider our company as a partner in whom they could trust. "I invite you to make the highest demands of us, to oblige us to give our best, because we are prepared to give you both service and products of real quality" he told them.



Eliodoro Matte, Chairman Empresas CMPC

Our company in synthesis

We seek to satisfy the requirements of our customers with differentiating value proposals that are decisive for their success.



4 million annual tons

Total Eucalyptus and Radiata Pine pulp production capacity

650,000

hectares

planted in Chile, Argentina and Brazil

4,800 *employees*



Guaíba Brazil **1,750,000** tons/year BEKP + 60,000 tons/year paper P&W



Santa Fe Chile

1,500,000 tons/year BEKP



Pacífico Chile 500,000 tons/year BSKP



Laja _{Chile}

230,000 tons/year BSKP

+ 30,000 tons/year UKP + 70,000 tons/year sack kraft paper

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