



iufro2019

Curitiba • Brazil

PINE CULTIVATION IN SOUTHERN BRAZIL

Tour 1

Pre-congress / September 22nd to 28th



This trip was specially prepared to find out more about the cultivation of Pine (*Loblolly pine*) in the Southern Region of Brazil. Pine is the second forest species with the largest planted area in Brazil, with approximately 1.6 million hectares. Our national average productivity is 30.5 m³/ha/year, but in some places it reaches up to 50 m³/ha/year, indexes obtained from more than 50 years of forest improvement. Fast growing forests are cut between 13 and 20 years depending on the purpose of the management. ►



In our trip we will visit four high level companies that use Pine as raw material for pulp and paper industry, moldings and lumber in the State of Santa Catarina.

You will see the complete cycle of operations at three forest-based companies and will have the opportunity to discuss with experts from breeding strategy, pest control, planting and maintenance to harvesting and timber transportation for industrial processes. We will also visit one of the largest sawmills and frame factories of the region. The last day, will be a quiet day in a tourist area in ►



the mountains of Santa Catarina, in a landscape dominated by the forests of *Araucaria angustifolia*.

This is a bus trip, starting in Curitiba on Sunday, **September 22nd** and ending on Saturday, **September 28th** in Curitiba.

The trip will be accompanied by a Forest Engineer or Researcher with more than 20 years of experience in forest operations in Brazil.

**Dates and schedule subject to change.*

***Trip confirmation requires a minimum of 20 participants.*





DAY 1

Bus trip departing at 15h from Curitiba, by bus, to the city of Canoinhas, in the state of Santa Catarina, lasting approximately 3h30. Arrives late afternoon and overnight in a 4 stars hotel. Night free of activities.

**Departure time can change without prior notice.*



DAY 2

Displacement at 7h45 for the WestRock factory in Três Barras, 20 km away. We will go to WestRock, which is one of the most traditional forestry companies in Brazil. With approximately 30,000 ha of planted forests, Pine and Eucalyptus, the main papermaking raw materials are cultivated using advanced techniques of biotechnology, genetic improvement and silvicultural practices.

WestRock productivity on pine is a worldwide reference, with an ►

index 40% higher than the Brazilian average, 60% higher than the average in Latin America and more than twice the productivity in the United States and South Africa.

After the visit, at the end of the day, we will return to the hotel in Canoinhas. Night free of activities.



DAY 3

Check-out and departure at 07h30 for an approximately 2 hours visit to the Solida Brazil factory in Rio Negrinho in the state of Santa Catarina, 110 km away. Solida Brazil is specialized in the market of high quality wood products, both for the Brazilian market and worldwide market. It is one of the main industries of the northern plateau of Santa Catarina. The logs come from certified forests ►



located in Paraná and Santa Catarina. Provides products for packaging and civil construction. It has a modern factory with the capacity to process 35,000 m³ of logs/month.

Then lunch in a traditional churrascaria of the region – Búfalo Branco Restaurant, in São Bento do Sul. After lunch, we will travel to the city of Lages, in the state of Santa Catarina, lasting approximately 4 hours. Overnight at Lages in a 3 stars hotel. Night free of activities.



DAY 4

Displacement at 07h30 to the company Klabin, Unit Otacílio Costa, in the state of Santa Catarina, which is 50 km from the hotel. Klabin is a Brazilian company, the largest producer and exporter of paper in the country, focused on the production of pulp, paper and carton for packaging, corrugated packaging and industrial bags, as well as the commercialization of wood in logs. In the state of Santa Catarina ►

we have more than 60 thousand hectares of forest plantations, mainly with pine, and we will meet and discuss with specialists all the forest management of the company, from the production of the seedlings to the timber factory. At the end of the afternoon, we will return to the hotel in Lages. Night free of activities.



DAY 5

Check-out and departure from the hotel at 7h with destination to the company Gateados, in Campo Belo do Sul, in the state of Santa Catarina, 60 km away. Gateados has approximately 10,000 ha of planted forests and stands out for the quality of the management for the production of logs with pruning and slabs. During the ►

morning, we will have the opportunity to know more about the forestry operations and discuss with specialists the main aspects related to timber production for sawmills.

In the early afternoon, we continue the trip to the city of Urubici, in the state of Santa Catarina. This course lasts approximately 3 hours. Overnight in Urubici in a 3 stars hotel. Night free of activities.



DAY 6

A day to know the natural beauty of the region. In the morning a visit to the main tourist attractions, including Gruta Nossa Senhora de Lourdes, Véu da Noiva Falls, Corvo Branco and Morro da Igreja (last attraction depends on the road conditions) - the highest point inhabited in the South of Brazil accompanied by a bilingual guide. ►

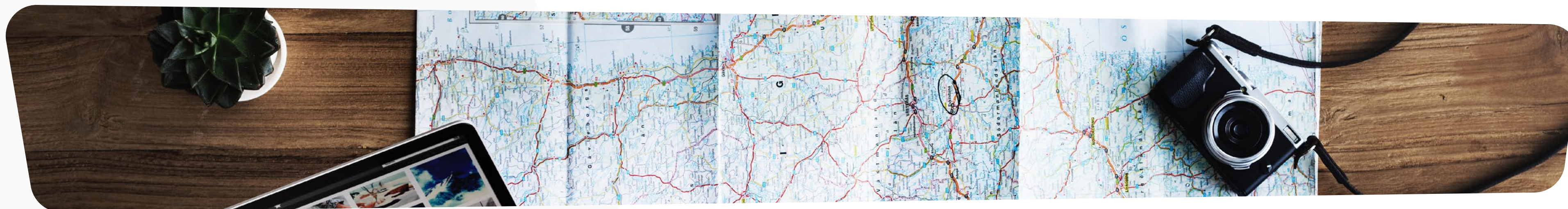
Lunch in a traditional restaurant of the region and the afternoon visit to Vinícola Villa Francioni, with wine tasting. The winery is in the city of São Joaquim, a displacement of approximately 1h15. At the end of the day, return to the hotel in Urubici. Night free of activities.



DAY 7

Check-out and return trip to Curitiba, in the state of Paraná, with departure at 7h30 am and lunch on the way back. Arrival in Curitiba scheduled for 14h.

**Departure time can change without prior notice.*



ADDITIONAL DETAILS:

What is included:

- Transportation by bus throughout the trip - departure and return to Curitiba, in the state of Paraná.
- 2 nights in 4 stars hotel in Canoinhas - SC.
- 2 nights in 3 stars hotel in Lages - SC.
- 2 nights in 3 stars hotel in Urubici - SC.
- Breakfast in all accommodations.
- Lunches from the second to the seventh day.
- Technical visits to companies: WestRock, Solida Brasil, Klabin and Gateados.
- Half-day tour to the main sights of Urubici, including Gruta Nossa Senhora de Lourdes, Véu da Noiva Falls, Corvo Branco and Morro da Igreja accompanied by a bilingual guide. Includes tickets.
- Tickets in the Vinícola Villa Francioni with 4 wines of own production.
- Travel insurance.

MEETING POINT FOR DEPARTURE:

- The meeting point for the departure will be at 13h in front of Shopping Curitiba, at Rua Brigadeiro Franco, 2300, Batel. The departure will be punctually at 15h on 22/09/2019.
- A sign with IUFRO 2019 will be in place at 14h to receive and direct to the bus.
- Make sure, in advance, the journey time to reach the meeting point. Bus, taxi and Uber are some options of displacement.

POINT OF ARRIVAL:

- The trip will be completed at the same place of departure - in front of Shopping Curitiba, at Rua Brigadeiro Franco, 2300, Batel, in Curitiba.

MEALS:

- If you have any food restrictions, please contact us.



INVESTMENT:

Single Room

USD 1.340,00

Double Room

USD 1.151,00



CONTACTS:

For questions or special answers, contact by e-mail (iufro2019@malinovski.com.br) or by telephone (+55 41 9 9844 3621).