

## PROJECT BRIEF

*We Can Take You There!™*

**Project Number:** WYU040403

**Customer:** Weyerhaeuser - Uruguay

**Concept Systems' Contact:** Procter Dixon

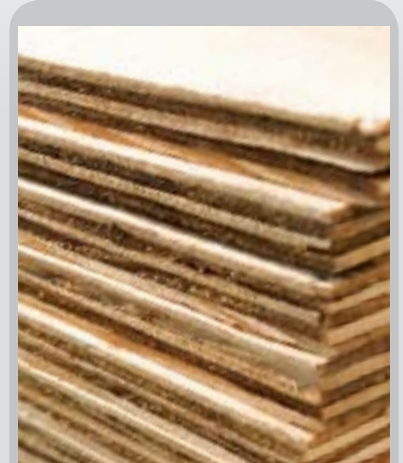
**Project Name:** Uruguay Plant Integration

**Description:** For the plywood plant, Weyerhaeuser brought in new and used equipment from various countries, including the United States, Brazil and Argentina. When it comes to integrating all of this machinery into a cohesive structure, they contacted Concept Systems and Procter Dixon, whom Weyerhaeuser had worked with previously. Weyerhaeuser knew that Concept's team of skilled engineers could help them establish an efficient and profitable plywood plant.

Weyerhaeuser, in partnership with other companies, manages large eucalyptus and pine plantations in Uruguay. Both eucalyptus and pine grow well in Uruguay's climate and both processed at the Weyerhaeuser plywood plant. Primarily export products, the resulting plywood brings continued revenue to Uruguay and vital goods to other countries.

Concept Systems was involved in many facets of Weyerhaeuser Uruguay's establishment. Concept's controls are used in the chop saw, log debarking, green waste, log conditioning vats, dry waste, other components. Concept was involved in plant integration from start to finish - from PLC system and bilingual touchscreen design to startup and training.

Success at the Weyerhaeuser Uruguay Plywood Plant has prompted interest in establishing another similar plant in the country. Should those interests come to fruition, Concept Systems hope to team up with Weyerhaeuser once again to contribute to another important venture.



### Results:

- Efficient system integration with multiple vendors
- Easy-to-use operator interfaces in English or Spanish, one button toggle from one to the other
- Committed to customer needs from initial design through start-up

### Services Provided:

- Engineering
  - System Design
  - Industrial PC Programming
  - Field Device Selection
- Documentation
  - User Manual
  - Electrical Schematics
- On-site Acceptance Testing, Startup and Training
- Electrical Enclosure Design and Building
  - HMI Displays for Operator Interface
  - Control Consoles
  - PLC Control Cabinets
  - Remote I/O Enclosures

### Technologies/Platforms Used:

- ControlLogix
- Ethernet Communications
- Discrete I/O Interface
- Operator Interface Screens