



*Industrial Technology Projects
Delivered*

About Cogent

From greenfield to modernization projects, industrial operations across the globe leverage our technology expertise in wood based panel board and pellet plants to Define, Design, Build and Operate their industrial plants.



Cogent offers in-depth Industry Knowledge, Technical Expertise and Project Management Best Practices to successfully deliver technology projects.

A Team of Professionals Dedicated to Project Success

Cogent has a proven track record of executing successful projects and is recognized by its clients and industry peers as one of the leading technology experts in North America.

We listen to your needs and work closely with all stakeholders to ensure that our projects successfully meet your project goals and that you receive the desired value from your investment.

Build it Right the First Time

Industrial Operations and Facilities Leverage Our
Process and Industry Experience,
Technical Expertise
and Project Management Services
To Achieve and Sustain a Competitive Advantage.

Project Highlights

Cogent provided a complete portfolio of professional services on the following wood-based panel board and pellet plant projects:



Norbord
£110 Million Expansion
OSB - UK



Pinnacle Pellet
400,000 MTPA Plant
Pellet Mill - Canada



Georgia Biomass
750,000 MTPA Plant
Pellet Mill - USA

“ We found Cogent’s project and management team to be a group of highly skilled professionals who always put the project’s best interest as their top priority. I would highly recommended Cogent as a trusted partner for your projects. ”

- Senior Vice President, Norbord Europe

Our Services and Solutions

Cogent leverages best-in-class technologies, engineering and project management best practices to deliver projects to its customers.

> Project Management

- > Project Planning and Scheduling
- > Design Oversight
- > Procurement Management
- > Installation Oversight



> Process Engineering

- > Process Requirements
- > Process Designs
- > Process Technology Selections
- > Process Improvement



> Industrial Safety

- > Process Fire Safety
- > Hazardous Locations
- > Electrical Safety
- > Alarm Management



> Plant-wide Integration

- > Process Area Integration
- > Balance of Plant (BOP)
- > Plant Application Integration
- > Safety Systems Integration



Our integrated approach connects plant equipment, processes and people to increase productivity, reduce operational costs and improve efficiencies.



> Industrial Automation and Control

- > Control System Design
- > PLC System Configuration & Optimization
- > HMI & SCADA Systems
- > Simulation Testing



> Electrical Power Systems

- > Power System Design
- > Energy Management
- > Power System Reliability
- > Power System Studies



> Industrial IT Systems

- > Network Design
- > Network Security
- > Wireless Systems
- > Data Centres



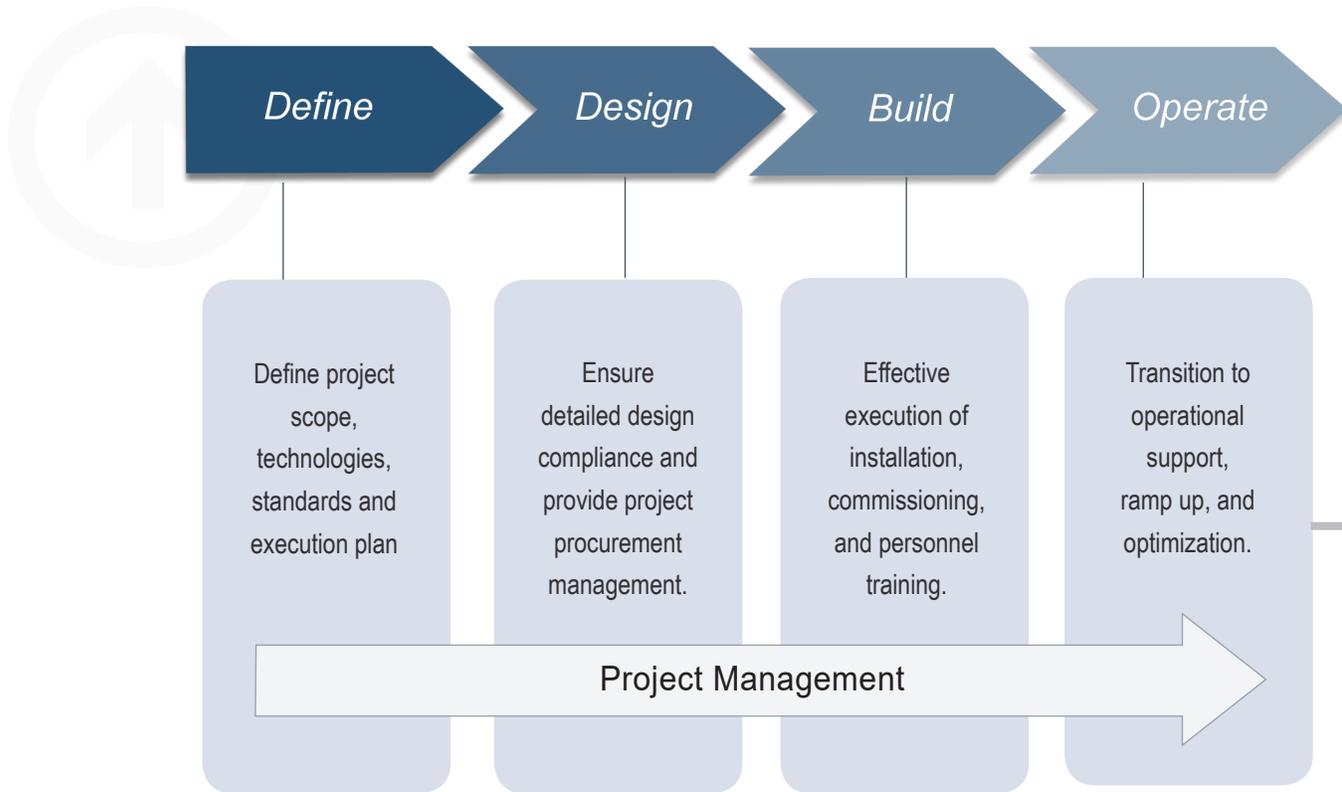
> Operations Performance Management

- > Industrial Data Management
- > Operations Monitoring
- > Collaboration Hub
- > Predictive Performance Management



Our Project Approach

From definition to operation, Cogent provides value at every phase of your project to ensure a successful outcome.



Embedding quality, safety, reliability and performance into all phases of your project.

“ Good things happen when you enjoy working together, and this is certainly the case with respect to Cogent. ”

- Chief Operating Officer, Pinnacle Renewable Energy

Our proven project delivery approach helps our team ensure each project is successful, all stakeholders are satisfied and benefits are maintained for the long run.



> Definition Phase

- > Requirements & Scope Definition
- > Standards & Specifications
- > Technology Selection
- > Project Planning



> Design Phase

- > Technical Compliance
- > Design & Development
- > Plant-wide Integration
- > Constructability & Operability



> Build Phase

- > Shop Inspection & FAT
- > Installation Oversight and SAT
- > Commissioning Support
- > Personnel Training



> Operation Phase

- > Start-up & Ramp-up
- > Optimization
- > Operations Portal
- > Performance Management Solutions



www.cogentind.com



Wood-based Panel Board



Pellet / Biomass



Utilities



Facilities / Terminals



Leading Independent Technology Experts in Wood-based Panel Board and Pellet Plants



*Top 250 Canadian
Technology Companies*



*Top 25 Exporter of
Professional Services*



*Control System
Integrators Association*



*Innovation and
Leadership Award*



Suite 300 – 13775 Commerce Parkway
Richmond, British Columbia
Canada V6V 2V4

tel +1 604 207 8880
fax +1 604 207 8878
email info@cogentind.com