

Concept

Review
Concepts
& Inventions

Perform
Laboratory
R&D

Develop Pilot
& Unit Testing

Scale-up
Technology
Due Diligence

Build Proforma
Cost Estimates

Technical Feasibility

Project Development

Perform
Market
Analysis &
Pre-Feasibility
& Cash Flow

Procure
Technology
and/or
Licensors

Perform
Front End
Engineering
Design

Select EPC
Contractor,
Perform
Detailed
Design

Execute
Technical
Contracts

Engineering Design

Financing

Execute
Commercial
Contracts

Perform Final
Feasibility
Study

Secure
Financial
Sponsors &
Funding

Obtain Project
Certification &
Funding
Closing

Perform
Performance
& Completion
Tests

Project Implementation

Construction

Perform
Procurement &
Construction

Perform
Environmental
Review

Monitor
Construction

Perform
Training &
Start-Up

Startup

Commercial Operation