ABB’s value analysis approach is key in reducing capital expenditure and optimising project life cycle costs.

Value analysis is a structured approach to identifying the functional requirements of a project in order to optimise costs and ensure alignment of scope with the objectives of the project. This process is typically done as part of the front end development stage of a project where the value potential is greatest.

What we offer
ABB has developed a structured five stage approach to promote maximum value and benefit during the front end of a project and is key in supporting our clients through difficult decisions in the development of projects.
Benefits
ABB’s approach to front end value analysis has proven to be beneficial to many clients. This tried and tested process can potentially:

- Reduce capital expenditure
- Optimise project lifecycle costs
- Ensure alignment of the scope with key business objectives
- Reduce risk
- Improve the planning process of a potential future project
- Identify potential future problems early within the process and highlight those that require immediate and proactive management attention

Our experience
ABB has a strong track record in delivering value analysis studies. Below are some examples of projects where ABB’s value analysis process has been performed:

- Renewable energy from land project for an institutional customer
- Sulphur recovery project for an oil and gas customer
- Polyester manufacturing process for a chemical customer
- LDPE project for a chemical customer

Why ABB?
The origins of ABB go back to when it was the in-house engineering department of a large multinational chemical company. We are therefore uniquely positioned to be able to act in the role similar to a client project team.

We understand the key elements that need to be concentrated on in the key early stages of a project to ensure that the right project is defined to meet the client’s objectives.

We ensure that the specifications and standards adopted on a project are right for the full operational life of an asset, and we bring both a designer and operator perspective to the project reviews.