



ensymm Abstract

Production line refurbishment and process upgrade /optimization service



2009

Introduction:

The majority of production lines have room for improvement! Industrial processes and production lines have to be operated optimal to guarantee an economically efficient production and the best product quality.

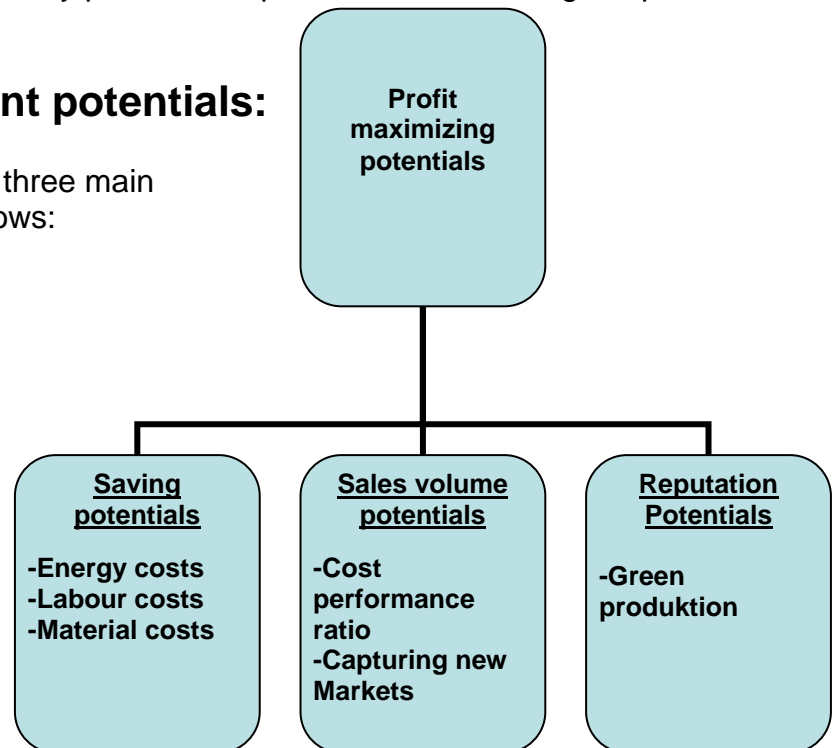
The increasing globalization of world trade has created not only a wider market, but has also resulted in greater competition. As a consequence, all companies continually have to improve their operational management and their production to stay compatible.

Especially the life science industry is a fast growing and highly innovative market. As a consequence the producers have to adapt their production constantly to research results. The changing consumer demand based on more and more quicker lifestyle changes leads also to a necessary production optimization concerning the product quality and type.

Possible improvement potentials:

Most producers miss to use three main potentials summed up as follows:

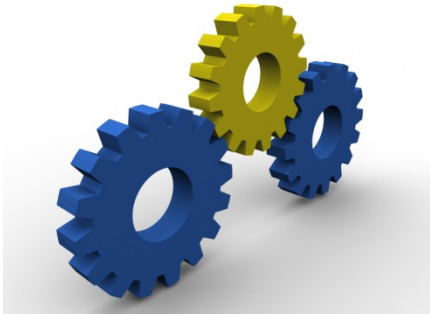
1. Operation cost reduction potentials
2. Sales volume potentials by increasing the cost performance ratio and capturing new markets with other/better products.
3. As an extra benefit, reducing waste, emissions and improving energy efficiency, will enhance the producers public reputation, which becomes more and more important due to a increasing environmental awareness.



To operate a state of the art production line respecting these three points guarantees a long term competitiveness and strategic advantages.

Service features of ensymm:

If you want to refurbish your production line and to optimize your processes in terms of quality and end product yield, you will find an assessment of your processing installation to be the ideal approach. Ensymm will analyze your processing system on the basis of your specification and needs. The assessment performed by ensymm will in any event show customers the current state of their processing installation relative to the latest available technology. The goal of any assessment is to optimize your existing process and to offer you suggestions for improving it. Ensymm will help you to customize the product type and quality very quickly, reacting on the changing customer demand or to set trends.



Competencies of ensymm regarding the refurbishment of your production line and the process optimization:

1. Analyzing Production processes, production control, the logistics chain, process management and functioning of the organization, among others.



2. Implementation / Design
Production processes, production control, the logistics chain, process management and organization.
3. Engineering/Supply
The ensymm service is not limited to the raw consulting. We also choose the right supplier and offer a broad engineering service.
4. Effective communication
Reporting, presenting, conducting interviews, negotiating and advising.

5. Flexibility

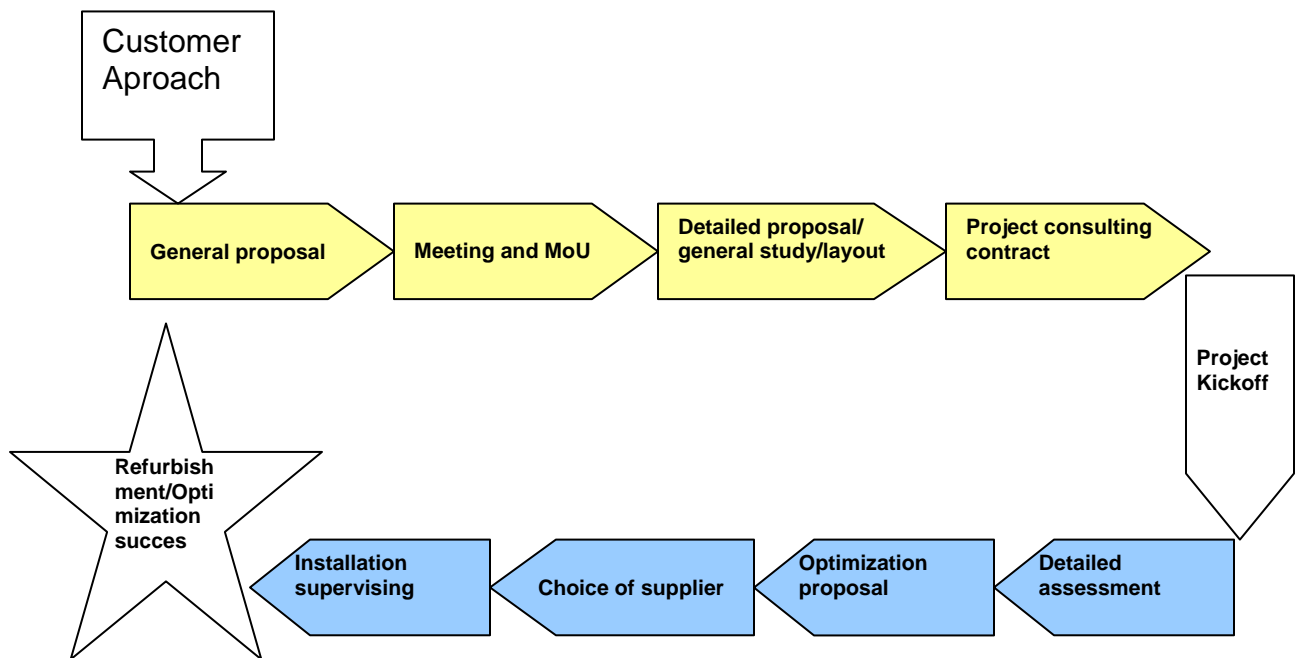
Customer designed service means for ensymm providing consultancy on site and on time.

6. Network

Ensymm can revert to a big multidisciplinary network of partners and suppliers. Through this ensymm has the ability to provide always a project specific team of experts and suppliers.

In the pre contract stage, ensymm follows a certain roadmap (yellow arrows). In this connection ensymm gives a first probe of the professional and structured working method, which is part of the ensymm company policy.

Ensymm project roadmap:



After the project kickoff ensymm provides a broad consulting service separated into several stages (blue Arrows). These stages are not fix and can be adapt to the client preferences and the individual circumstances.

In the last years ensymm supervised several optimization projects of different scales. You can find our reference projects in our library.